

Index to Volume XLIX.---September 2, 1911, to August 31, 1912, inclusive.

[Note.—Where same subject are mentioned on same page that fact is indicated by figure.]

Abandonment of small boats, 432, 437, 511, 559, 639, 668, 700, 732, 879, 1181, 1215 (see Congress, Army Appro. bill).

Abolitionists and Civil War, 1108.

Absence on leave, reducing, 579, 658.

Absence over leave, 1406.

Academies: See Mil. Academy and Naval Academy. More Mil. and Nav. Academies, 1359.

Accidents, see Casualties.

Adjut. Gen., successor to Ainsworth, 925, 957, 981, 988, 1309 (see Vacancies gen. officers).

Aeronautical:

Aeropl. and hot-air balloons, 147; aeropl. for Philippines, 317; aeropl. gun tests, 661, 971; aeropl. in Fr. and Ger. army maneuvers, 75, 161; aeropl. in warfare, 209; "airplanes" preferred, 565; airships in war, 975; airship vs. Cavalry, 1105; Allen (Gen.), on, 1584; appropriations, 1269; Army aviation and Congress, 669; Army Avia. (Sec. War), 1105; Army officers and sport contests, 123; Army participating in meets, 628; Army purchase, 1237; Atwood St. Louis-N.Y., 10; aviation sickness, 1071; balloon gun tests, 131; Beck on future, 1109; bomb throwing, 275; British Royal Flying corps, 1231; casualties, 45; causes of accidents, 1360; College Park, 104, 189, 373, 1395; Conn. maneuvers, 1469; dangers and deaths, 1309; defense agst. aeropl., 10; development lifting plane, 1263; Ellison accident, 919; Ely killed, 254, 272; European, 1362; Fiske on aviation, 1301; Frenchman burned in midair, 1653; foreign fatalities, 254; hangar ships (Chambers), 1494; Hazlehurst death, 1302; hippodroming and casualties, 272; hydro-aeropl. test, 728; in war, augmentation Navy aviation school, Annapolis, 44, 74; increased pay for Army aviators, 629 (see Congress); Internat. aero. exposition, New York, 1141; internat. meet at Nassau field, 104, 133, 161; landowners' rights, 1455; limitations, 659; mail transport, 104; military aviation (U.S.), 1169; Milling's flights, 44; Navy aeronauts, 819; Navy aviation school, 44, 74, 1392; Navy Dept. attitude, 1149; Navy hydro-aeropl. requirements, 1493; Notes, 10, 44, 74, 104, 133, 161, 191, 223, 254, 306, 351, 414, 529, 576, 598, 732, 823, 863, 886, 914, 958, 992, 1022, 1077, 1113, 1138, 1141, 1178, 1202, 1266, 1301, 1327, 1333, 1365, 1399, 1423, 1491, 1493, 1525, 1528, 1585, 1621, 1632; passenger cruiser, 431; pay of Army aviators (Beck), 1135; photogr. from, 245; practical aeronautics, 1491; reconnaissance with Cavalry, 147; Rodgers, 74, 104, 306, 1992; Service on, 73; Smithsonian Institution, 1493; speed crash and casualties, 1392; steam engine test, 341; transcontinental flight, 74; Twining's airship gun, 132; Wilbur Wright, 11487; wireless from aeropl., 1557; Wrights' accomplishments, 1265, 1487.

Age and efficiency, 274.

Ainsworth, suspension and retirement, 757, 764, 766, 797, 815, 892, 895, 917, 1010, 1021, 1137, 1236.

Alaska, 661, 714, 789, 883, 1423, 1551, 1583, 1653.

Amer. Museum of Safety, 1072.

"American" or "U.S.," 496.

Ammunition boxes (Navy), 17.

Anecdotes, 18, 33, 64, 60, 87, 125, 191, 211, 223, 225, 240, 266, 312, 392, 436, 537, 554, 618, 720, 728, 746, 810, 842, 874, 880, 906, 970, 1043, 1066, 1130, 1138, 1170, 1258, 1264, 1319, 1386, 1431, 1450, 1482, 1491, 1492, 1546, 1578, 1610, 1625, 1674.

Annual Reports:

Adjutant General, 382, 478; Alaskan Road Commissioners, 592; Army Athl. Council, 575; Army Service Schools, 274; Bureau of Constr. and Repair, 479; B. Insular Affairs, 433; B. Navigation, 447; B. Ordnance, 447; B. Steam Engineering, 448; B. Yards and Docks, 447; Chief of Coast Artillery, 437; Chief of Engineers, 382; Chief of Ordnance, 447; Chief Sig. Officer, 337; Chief of Staff, 497; Coast Art. School, 121; Coms. Gen., 216; Comm. of Pensions, 209; Dept. of California, 105; Dept. of Columbia, 133; Dept. of East, 4, 7, 32; Dept. of Gulf, 38; Department of Lakes, 98; Department of Luzon, 528; Department of Mindanao, 757, 760, 783; Department of Visayas, 312; Inspector Gen., 369; Judge Adv. Gen., Army, 254; J.A.G., Navy, 448; Marine Corps, 448; Military Academy, 177; Militia Affairs, 591, 593, 623; Moro Province, 1041; Mounted Service School, 104; Naval History Society, 1398; Naval Militia, 751, 753; Ordnance and Fortifica., 351; Philippines Division, 623, 624, 626, 655; Paymr. Gen., Army, 217, 239; Paymr. Gen., Navy, 448, 880; Quartermaster General, 287; Revenue Cutter Service, 512; Philippines Commission, 831; Philippine Constab., 1393, 1403; Sec. Navy, 402, 403, 412, 478, 501; Sec. War, 501; War, 465; Smithsonian Institution, 687; Soldiers' Home, Wash., D.C., 336; Solicitor, U.S.N., 469; Surg. Gen., Army, 248, 274, 275, 285, 303, 317; Surg. Gen., Navy, 446, 880.

Answers to Correspondents. See under this department head each issue.

Anti-imperialists (Charles III), 91.

Anti-rolling device (ship), 306, 778.

Arbitration:

Failure, Turco-Ital. War, 719; Federation of Amer. States, 59; Hammond on, 341; internat. adjustment, insufficiency of law, 319; Maxim on, 92; menace in treaties, 860; Monroe Doctrine and, 754; Olney on treaties, 207; Panama tolls, 1532; Roosevelt on, 35; Senate and treaties, 1106, 1264; Sun (N.Y.) on, 501; treaties, 35, 59, 61, 91, 92, 151, 207; treaties and Monroe Doctrine, 151; treaties, list, 1648.

Argentine: Battleships, 5, 106, 130, 245; soldiers, 1653.

Armament: Inadequate, 1647; increased size, 1419; "trust," 1647.

Armaments, reduction, 725.

Armies: Extent of battle front, 335; fire insurance and, 1263; unwieldy 20th century, 377.

Armor tests, 130.

ARMY:

Additional Infantry and Field Artillery needed, 213; additional (13th) companies, 189; administrative methods, 1021; appropriations, 399, 501 (see Congress); articles for lay press, 1489; bands, organization, 1077; bugle calls, 126, 180, 1234, 1430, 1524; cadet service and longevity, 755 (see Army Appro. bill); change in character of soldier, 1135; changes in prospect, 102; Christian Advocate defends, 1584; clerks and pay bill, 1076; colonial, 598, 1108; compulsory service, 661; content, 1171; cost, 797; cost compared with Europe, 565; discipline, 1424, 1620; distribution of mobile (Stimson), 688; division or corps, 660, 724, 755;

divisions and depts., 158, 221, 245; estimates, 35, 73; expansion, Congress and, 367; expense vs. Congress expense, 912; few soldiers, millions of men, 273; food districts, 1174, 1200, 1208; general officers, number compared with Navy, 879; harmony, to secure, 818; increase, 1008; inefficiency, 978; items, 10, 39, 98, 126, 151, 181, 222, 254, 287, 344, 415, 792, 865, 921, 952, 984, 1016, 1045, 1205, 1301, 1528, 1624; its own worst enemy, 755; life at post, 1554; matter with, 815; muster roll abolition, 957; needs, 1074; non-producers, 540, 571; obstacle rides, 1391; opinions in 1878, 1468; organization scheme, 64, 604, 1403, 1425, 1426, 1434, 1443, 1444, 1456, 1468, 1469, 1501 (see Congress); paper work, 349, 381, 408, 475, 542, 596, 687, 764, 912, 1013, 1021, 1077, 1532, 1586, 1615, 1651, 1661; pay advanced by civilians (in 1877), 591; peace conservat., 1521; piecemeal legislation, 1021; post at Albany, 160; posts, administration expense and value, 629, 797, 1181, 1215; posts, brigade and division, 221; posts, relative value, 281; posts, saloons near, 370; provisional regiments, 1106; reform and policies, 495; Reg. A. of U.S. (Chaplain Doherty), 1585; reorganization, 102, 1403, 1533; reserve, 31, 149, 413, 604, 879, 1044, 1068; retail, 104, cost, 814; service, educa., value, 639; service misunderstood, 880; shoe, 6; slanderers, 783; small in 1812 and now, 1395; special duty men for drill, 349; statistics, 1204; strength, 159, 189, 273; thoughts on, 787; unity of, 892; who commands, 828; why we have no, 946.

Army and Navy: Ceremonies, co-ordinating, 1501; Chicago Tribune friend of, 1519; co-op. stores, 853, 1202, 1431.

ARMY AND NAVY JOURNAL:

Good words for, 208, 564, 624, 1365.

Army Regs., amendments, 168, 596, 1365, 1375.

Army transports: Kirkpatrick out of comm., 181; lifeboats, 1080, 1104, 1109, 1116, 1501; Lisicum sinks at pier, 1653; proceed in pairs, 1168; out of commission, 181, 1373; passenger lists and telegrams, 42, 66, 98, 151, 181, 190, 222, 287, 312, 350, 441, 472, 609, 639, 729, 761, 792, 857, 883, 884, 921, 984, 1033, 1077, 1141, 1177, 1181, 1206, 1272, 1305, 1343, 1395, 1427, 1460, 1464, 1493, 1528, 1561, 1592, 1624; regulations amended (G.O. 152), 409, 441; schedules, each issue, end of Army classified; Sheridan in ice, 1365, 1395; voyage of Thomas, 411, 603, 1228.

Articles of War, revision, 1073.

Artillery (see Field, Coast): Civil War, 848; in action at Gallipoli, 35; mountain, marches, 1552, 1624; mountain, praised, 243.

Athletics: Control of intercollegiate sports, 537; Olympic games, 1178, 1212, 1308, 1397, 1405, 1427, 1455, 1462, 1554, 1557, 1584; Pledge, 1205, 1327; playing for money, 693; recruits in Army, 1072; strenuous, and efficiency, 949, 953, 976, 1076, 1104; W.P. Ann. baseball, 1269; (see Football).

Atlantic Fleet: Athletic contests, 286; Balto. Dem. Convention, 1341; basketball, 319; battle practice, 189, 286, 373, 992; battleship efficiency, 1599; boatmen's overcharge at mobilization, 356; combat firing, 7; congratulations mobilization, 340; end, men's behavior on leave, 318; European cholera scare, 43, 65; illumination, 308; in gale, 608; maneuvers, S. Drill Grounds, 46, 75; mobilization New York, 189, 224, 255, 284, 286, 288, 303, 318, 336, 340; movements, 352; object lessons to schools, 253; officers neither German nor Germanized, 276; Pacific comment N.Y. mobilization, 303; plans, Christmas, 159; spring periods, 992; reserve fleet, 1088; spring campaign, 992; target practice, 286, 671, 1023 (see Target practice); torpedo fleet, 829; winter maneuvers, 574, 832, 928; see Naval items.

Australia: Compulsory military service in, 1551; convict ship, 1152; cruiser launched, 1359; military school, 1420.

Austrian cavalry, 1586.

Automobiles: Army officers, 656; Guatemalan officers' experience, 693; war, 1011 (see Q.M.D.).

Balloons, see Aeronautical.

Barbary Powers, 178.

Barlow, Brig. Gen. F. C., 1171.

Barracks and quarters, no new approp., 381.

Barry, Commo., John, 1620.

Barry, Gen., sketch, 1265.

Bartlett, Brig. Gen., 1489.

Barton, Clara, death, 1046.

Baseball: Army vs. Japan, 661; Camp McCoy, 1586.

Battle practice, fleet, 373; see Atlantic Fleet, Target.

Battleships (see Atl. Fleet, Mahan, Navy Dept., Warships): Ammunition handling, 17, 437; armament, 765, 925; Atl. and Pacif. distribution, 303; battle cruisers, 882, 976; battle practice (autumn), 373; broadsides, 416; building in 1911, 692; building plans (U.S.), 1077, 1233, 1272, 1301, 1328 (see Demographic); changes command, 317; contracts, 669; Democratic (smaller) program (see Congress), 701, 704, 1008, 1272, 1365, 1427, 1519, 1525, 1557, 1583, 1650; designs, latest, 576, 688; displacement, 1455; Dreadnought question, 687, 751, 847; evolution, 1266; floating naval exposition, 1589; gun practice, 1184; gun vs. armor, 1584; heating and ventilating, 885; names for new, 224, 1615, 1629, 1664; offers for older, 434; officers' quarters, 1341; our first line (historical), 1430; Pioneer Press and cost of, 692; plans, 469, 925; Powers compared, 783, 1455; pre-eminent value, 722; propulsion, 1359; ready for service, 373; sixteen-inch guns and 35-knot speed, 1040; size of future, 405, 530, 976, 1104, 1167; three-gun turrets, 725; turrets in, 349.

Bayard, Fort, Army hospital, 1328.

Bayonet efficiency, 1419.

Bayonet practice, equipment, 1149.

Beach, Col., banqueted, 1590.

Beer: Dangers of "cold small," 1170.

Beers as messengers, 87.

Bell, Major Gen., career, 210.

Bertholf, Capt., sketch, 241.

Bigelow, Hon. John, death, 502.

Bilged midshipmen, 1394.

Bingham, Gen., vindicated (Duffy case), 1456.

Bismarck's kind heart, 938.

Bivona of Deed paraphrase, 377.

Bjornstad, mil. attaché Germany, 1040 (see Inf. Dr. Regs.).

Bliss: Mobilization and railways, 943.

Blue and Gray feasting together, 223.

Bonaparte, see Napoleon.

Bonaparte, Chas., on Navy program, 799.

Boy Scouts, article on, 537; Baden-Powell's visit, 695, 759; child training, 176; labor unions and, 69, 95, 688, 719; Panama, 465; Roosevelt, 661; service, 1619.

Bridge equipment tactics, 1141.

British: "Admiral of patrols," 1186; Admiralty changes, 405, 528, 597, 719; army canteen, 722; army estimates, 829; army libel resented, 592; battleship masts, 1419; Beresford and McKenna, 536, 704; British-German shipbldg. programs, 849; cagemasts in B. navy, 879; caring for man-o'-war men, 338; civilian or military secretary, 1403; compulsory service advocated, 559; criticism U.S. Navy mess, 404; dependent upon foreign trade, 1263; Engl. invasion of Germany, 595; espionage, 1615, 1621; fleet and Germany, 1519, 1621; fleet review, 1434; Germany and Morocco, 381; health of troops in India, 1039; infantry organization, 977; military deficiencies, 1553; naval construction, 595, 1007, naval prize bill, 464, 528; naval program, 1487; officer army, 752; Palmyra island (H.T.), 693; Regimental Journal, 5; rifle, 975; rifle shooting champion, 1427; service topics in England, 734; ship speeds, 1419; small caliber naval guns, 1419; soldiers reburied Ft. Niagara, 60; Sunday rifle practice, 847; territorial forces, 537; territorial officers' ambitions, 1039; territorial pay, 976; territorial recruiting, 949; uniform, modify, 592; see Foreign.

Bryan, W. J., and Sp. War substitutes, 1520.

Buenos Aires Military College, 373.

Buffalo Bill would recruit for Army, 1395.

Buffalo, skins, overcoats, etc., 92, 123.

"Bugs" in Washington, 1652.

Bullard: Military study of war, 624.

Bullets, freaks of, 306.

Butt's successor as aid to President, 1084.

Cable code (A. and N.), 148.

Cable, "Offensive use," 448, 536, 752, 880, 944, 1136, 1232, 1332, 1364, 1398.

Cameras for scouts, 1180.

Campaign badges, 562, 852.

Canada: Canadians and reciprocity, 121; census and statistics, 91, 207, 719, 879, 1615; military school, 1456; mounted police, 874; navy, 213, 381; Ross rifle, 881.

Canals: Cape Code, 1295, 1301, 1424; see Panama.

Canteen, Army: 1171, 1554; argument agst., 735; British, 732; Grant and, 696; Hobson on, 798; Maus, Col., on, 530; new (poem), 1364; new name wanted, 945; Presbyterians on, 1236; restoration, 501, 565, 594, 639, 852; soldiers' club, 304, 945, 1011; total abstinence or restriction, 978; U.S.W.V. and, 399, 528; W.C.T.U. and, 309, 498, 661.

Carden: "Amer. opportunities in Europe," 65.

Carnegie: Internat. newspaper for peace, 59.

Carriage: Peace endowment, 1487, 1525, 1551, 1567.

Casalunga, Corsican hero, 1360.

Casualties and accidents: Accidents, 1181; autos, 1455; collision Olympic and Hawk, 95, 133, 276, 368, 416, 641; Davis-Annapolis, 1205; Ehrhardt rifle burst, 1555; expl. field gun, Sparta, 151; explo. Fr. cruiser Gloire, 106; expl. Ft. Riley, 479, 503; expl. Liberté, 131, 132, 150, 176, 209, 240, 276, 480, 512, 533, 576; expl. surfboat Paducah, 97; fire, "The Rocks," H. Falls, 95; Fourth of July, 31; gun burst at Greble, 985; Imperiali killed by own explosive, 1653; Lake submarine, 1205; Latham, aviator, 1464; marine statistics, 1648; maritime disasters, 245; Maryland, 1184; Minnesota 12-in. gun, 1077; naval in 1911, 915; Nebraska grounding, 1312; New Hampshire strikes liner, 1437, 1536; Ontario (coaster), 1024; Paul Jones, 1012; Agassiz, peace accident, 127; "murders," 1231; perils of peace, 867, 734; ptomaine poisoning, U.S.S. Michigan, 106; sergt. shot at rifle range, 1624; shooting affray, D. A. Russell, 223; shooting affray, Ft. E. Allen, 181; S. Atlantic hurricane, 17, 38; Sterling rammed, 449; suction and collisions, 286; swimmers, 1488; Titanic lost, 1045, 1053, 1054, 1055, 1056, 1072, 1073, 1074, 1077, 1292, 1295, 1086, 1104, 1106, 1109, 1167, 1292, 1297, 1301, 1328, 1330, 1336, 1568, 1569; Vendemiaire, 1312; war, 1459; Warrington disabled, 544.

Cats and rats, Leavenworth, 35.

Cavalry (see Horse): 3d, Duncan's relation to 921; 3d, hike, 1488; 3d, polo, 344; 4th, praised, 151; 5th, march in Hawaii, 1648; 10th, hike, 1488; 11th, bouquets for, 1160; 11th, drill, 254, 280; 11th, polo, 344; 11th, reduce to normal, 65; 11th, welcome to Oglesby, 250; Russian mob, 721; antiquated organization, 207; Army unit, 1412; bayonet and entrenching tool, 1395, 1461; chase after strange gods, 1489; Civ. War, 161, 881; comp. cost Inf. and Cav., 946, 949; defense, 1171; double rank, 1076, 1104; drill at Ft. Myer, 848; equipment, 11, 103, 287, 348, 943, 1077, 1660; experimental bayonet, 943, 1461, 1500; foreign service field officers, 1022; Italian, high standard, 1615; losses in dismounted action, 851; machine gun, 435; more for Army, 657, 735; notes (Allen), 63; organization, 6, 15, 93, 102, 207, 591, 626, 1597, 1661; power of Cavalry, a creed (Parker), 528, 560; promotions, 760; proportion to Infantry, 884, 959; reduction, 755, 788, 788, 797, 816, 819, 853, 916, 944, 959, 1023, 1074 (see Congress, Army bill); reorganization board, 1661; reorganize, why? 626; Rev. War, 177; rides (Russian), 280; Russian cav. saddle, 147; sabre, 1402, 1596; saddle, 42; Texas unit, 1412; uniforms and drill, 1200; three squadrons in, 1620; Washington's ignorance of, 148; what Infantry want of Cavalry, 916.

Cement gun, 120.

Centr. Amer. confidence in U.S., 309.

Century Magazine, 392.

Chadwick on Sp. War, 61, 149, 175, 276, 277, 336.

Chaplaincy: Vacant, 220.

Chaplains: Duties and work, 1104; Jewish, disapproved, 1264; more for Navy, 1600; relation to enl. man, 271; uniform, 1621, 1624.

Chile: Amer. contracts battleships, 368.

Chilian admirer's visit, 181.

China: Amer. officer at Chinese battle, 529, 567; army and navy of, 370; athletics in legation guard, 224; cruiser visits U.S., 18, 59, 75, 105, 135, 126; disorders in, 35, 65, 95, 133, 189, 224, 271, 277, 309, 465, 437, 445, 533, 565, 857, 1120, 1565; foreigners flee, 309; future markets and prospects, 1295, 1621; ice plant U.S. troops, 1456; inhabitants, number, 432; international regatta, 1235; looting, 1040; medical work in revolution, 661; millions of men, few soldiers, 273; Murdoch and, 957; Navy, 176, 1007; preparing for contingencies, 381; president elected, 757; president, provisional, 565; ranking foreign naval officer, 501; republic, 399, 565, 591; trouble with ex-soldiers, 1263; U.S. troops to, 341, 383, 597, 661, 792, 857; U.S. vessels to, 309, 341.

Christian Science, 543, 597, 655, 660, 692, 880, 1536, 1551, 1620.

Christmas and other menus, 530, 543,

EDITORIALS.
Abolitionists and Civil War, 1103; Absurdity of "armament trust," 1647; Action on Appro. bills, 1597; Adjutant General's Dept., 988; Again it is the Navy (football), 399; Amendment of enl. laws (U.S.N.), 1533; Amendments to Militia Pay bill, 943; An editor in need of light, 207; Anti-military employers, 1455; An educator's view of military service, 1391; Armor tests and target practice, 130; Army aviation, 669; Army bill, 1212, 1276, 1308, 1372, 1403; Army bill, report, 701; Army changes, 102, 1021; Army opinions in 1878, 1468; Army measures in Philippines vindicated, 348; Army reorganization plans, 1533; Arrangement for joint maneuvers, 1052; Brigade and divis. posts, 221; Cadet service for longevity, 911; Canal tolls and no-battleship House, 1500; Case of Gen. Ainsworth, 764; Chief of Gen. Staff, 1244; Chinese revolution, 591; Conditions in Cuba, 1277; Conditions in Far East, 431; Conditions in Mexico, 989; Conditions in the Philippines, 1084; Congress, 1007; Congress and Army expansion, 367; Congress and Services, 796, 1084; Danger of inadequate armament, 1647; Defense of Alaska, 1583; Democrats in defense of our Navy, 1245; Duncan, J. W., 1167; Education of Service, 239; England's naval pro-

families in field, 1364.
 bigger on love vs. pay, 1108, 1116.
 Federation of Amer. States, 59.
 force of gun barrels, 306.
 field Artillery: Cameras for scouts, 1180;
 camp of instruction at Sparta, 159; drill
 regts., 43, 629; foreign service, 1201, 1299;
 gunners qualification, 884; increase, 213;
 Pacific coast defense, 180; practice march,
 1362; reorganization, 102; rides, Russian
 1180.

Hagood, Major, services, 629.
Hague Tribunal, Data, 341; Red Cross, 856;
weakness, 1532.
Hains, P. C. to pardon, 126, 153.
Hardtack, wonderful, 134.
Harriman, pack patent, 341.
Hawaii: Defenses, 1434; for ex-soldier, 368,
752; garrison for, 543; new barracks, 853;
925 process in, 705.
Hawaii, point of view, Japan, 690.
Headhunters of Formosa, 754.
Heart resuscitation, 271.
"Hell," abolish, 1420.

Jackson, Stonewall: Manners, 560; Puritan, 1299.

James, Henry, political forecast, 1295.

Japan(ese): Abandonment Port Arthur naval base, 92; Admiralty claims R.-J. war, 213; Alaska and U.S. troops, 1551; Antarctic exped., 368; arbitration treaties, 208; battle losses, 73, 1327; Burnett views and poems, 1265; 1363; can we understand! 1616; Christianity in, 4; coal depot in Hawaii, 1365; conditions in Far East, 431; cruiser Nanina lost, 1664; drunkenness, 1327; Emperor's death, 1525, 1584, 1589; field art. reg., 1430; finances and war with U.S., 59; floods, 1431; foundering of a submarine, thrilling story of drowning officer, 1492; Hawaiian point of view, 690; interviewers and Togo, 3; J. and Chinese revolution, 224, 271; J. in Hawaii, 1579; losses in battle, 73; Magdalena Bay and Lower Calif. colony, 155, 981, 1021, 1103, 1112, 1148, 1202, 1233, 1525; military criticisms, 1583; Miller Maguire on the new Pacific, 720; musical instruments, 533; national defense, 529; naval armament, 1392; Navy criticized at home, 303; naval policy, 175; navy (Islam), 5; New Year's in, 760; organization (army) by division, 533; Perry's "fuss and feathers," 1234; Philippines not wanted, 123; position in world, 208; progress after war, 1455; race prejudice, 273; R.R. work, 147; Red Cross, 1528; reserves in R.-J. war, 944; shipbldg., 1523; suicides, 1098; "Spirit of the soldier," 33; "spying" in U.S., 35; suicides and shipbldg., 367; Togo, farewell to U.S., 17; Togo to Jingoos, 60; Verbeck on Togo, 3; yellow peril (German minister on), 1624; see Foreign.

Jefferson, Thomas: Home, 1461; on judiciary, 881.

Jews: Discrimination, 341; Patriotic League, 917.

Joint camps, 1169; see Maneuvers.

Jones, John Paul: British history, 337; crypt, 341; descendant, 407; new view, 1457.

Justices and the Services, 1136.

Kearny, Phil.: Remains removed to Arlington, 944, 1014; soldier, 275.
Key West, Overseas railroad, 656, 693.
Kitts, much traveled Miss, 371.
Knox: First War Sec., 915; Sec. visits Central and S. Am., 853, 1042.
Krupp: Centenary, 1561; Midvale wins armor-plate suit, 191; patents and U.S., use, 1008, 572, 1603, 1667.
Labor Unions: Against N.A. and boy scouts, 63, 95, 271, 719, 848, 1328, 1583; Gompers and flag, 573, 659, 752; strike at Lawrence, 696, 721, 831, 911, 1008; workingmen and war, 3, 59.
Landers, charge agst., 65.
Landing force instructions, U.S.N., 734, 1200.
Lassoe, sketch, 1265.
Launchings: A. T. Merritt, 798; Chinese cruiser, 1120, 1152; Jupiter, 1664; Riva-davia (Argentine), 5; submarine G-4, 1600; torpedoed destroyer Jenkins, 1120; t.b.d. Jouett, 1056; various, 608.
Lawton cured kickers, 33.
Lea, Homer and Pacific coast, 691, 817, 977, 1045.
Leavenworth: Drama, 692; R.R. facilities, 1361.
Lee, Fitzhugh, anecdote, 60.
Lee, R. E., anecdotes, 179; parental sternness, 563; reckless exposure in battle, 561.
Leonard, Major Henry, 277.
Leper Early, 944, 1264.
Leprosy, 1520.
Leprosy in Guam and Honolulu, 1365.

LETTERS FROM POSTS AND STATIONS:

Adams, R.I., 1064.
Benjamin Harrison, Ind., 25.
Bliss, Texas, 25, 53, 84, 113, 127, 157, 199, 232, 257, 289, 326, 356, 387, 419, 451, 505, 518, 548, 580, 612, 674, 711, 743, 808, 837, 874, 888, 935, 955, 995, 1049, 1081, 1123, 1153, 1179, 1223, 1243, 1307, 1345, 1368, 1409, 1439, 1473, 1537, 1570, 1605, 1635, 1671.
Boise Bks., Idaho, 1063.
Boston Harbor, Mass., 761, 870, 902, 935, 1027, 1062, 1288, 1347, 1497.
Brady, Mich., 569.
Caswell, N.C., 1352.
Columbus Bks., Ohio, 615, 680, 711, 739, 835, 837, 903, 931, 995, 1057, 1159, 1218, 1318, 1352, 1509, 1635, 1571, 1639.
Coronado, Cal., see San Diego, 169, 198, 231, 259, 294, 325.
Crook, Neb., 109, 169, 198, 289, 347, 385, 417, 485, 487, 505, 583, 647, 679, 740, 806, 838, 888, 967, 1008, 1028, 1080, 1156, 1209, 1286, 1351, 1368, 1479, 1543, 1604, 1672.
Dade, Fla., 25, 673, 705, 729, 774, 868, 871, 900, 923, 998, 1025, 1091, 1127, 1190, 1251, 1351, 1377, 1441, 1478, 1511, 1539, 1574, 1607, 1640.
D. A. Russell, Wyo., 48, 78, 112, 137, 199, 291, 323, 390, 455, 505, 664, 679, 705, 771, 773, 825, 837, 867, 902, 923, 953, 1019, 1063, 1089, 1127, 1191, 1219, 1255, 1319, 1349, 1379, 1410, 1412, 1441, 1478, 1511, 1538, 1574, 1606, 1639, 1670.
Des Moines, Iowa, 25, 79, 163, 169, 315, 392, 420, 516, 647, 729, 838, 867, 889, 955, 987, 1026, 1094, 1123, 1155, 1159, 1211, 1252, 1351, 1377, 1383, 1409, 1441, 1507, 1547, 1569, 1635.
Douglas, Utah, 22, 79, 112, 138, 157, 196, 231, 251, 290, 315, 417, 483, 550, 673, 679, 697, 808, 827, 868, 899, 929, 965, 997, 1017, 1057, 1092, 1123, 1147, 1187, 1256, 1287, 1336, 1476, 1508, 1540, 1571, 1604, 1639.
Dupont, Del., 963, 1025.
Ethan Allen, Vt., 78, 165, 228, 291, 347, 454, 545, 646, 731, 870, 903, 967, 1091, 1188, 1286, 1336, 1383, 1409, 1506.
Galveston, Texas, 84, 107, 225, 260, 551, 635, 774, 889, 931, 999, 1025, 1191, 1352, 1409, 1540, 1636.
George Wright, Wash., 1383.
Governors Island, N.Y., 21, 47, 78, 107, 135, 166, 195, 228, 249, 283, 323, 379, 443, 473, 539, 569, 611, 644, 676, 706, 737, 769, 825, 897, 929, 994, 1028, 1048, 1092, 1124, 1185, 1252, 1263, 1307, 1348, 1380, 1410, 1441, 1476, 1537, 1635, 1668.
Guantanamo, Cuba, 679, 964, 1122, 1222.
Hamilton, N.Y., 608, 744, 763, 855, 891, 936, 955, 993, 1059, 1092, 1145, 1159, 1179, 1219, 1287, 1346, 1383, 1446, 1479, 1510, 1639, 1671.
Hancock, N.J., 141, 227, 290, 379, 456, 505, 546, 603, 711, 731, 793, 795, 868, 931, 993, 1058, 1159, 1187, 1220, 1240, 1345, 1368, 1441, 1496, 1571, 1636.
Hankow, China, 737.
Hawaii Notes (see Schofield Bks.), 82, 113, 140, 141, 200, 262, 283, 327, 423, 488, 551, 579, 603, 680, 743, 774, 810, 872, 1638.
H. G. Wright, N.Y., 47, 707, 711, 806, 871, 1507.
Howard, Md., 485, 614, 635, 888, 966, 1025, 1121, 1153, 1256.
Huachuca, Ariz., 165, 199, 232, 251, 315, 326, 391, 419, 423, 452, 507, 519.
Jamestown, R.I., 53, 1345, 1407, 1446, 1473, 1497, 1539, 1575, 1604, 1627.
Jefferson Bks., Mo., 22, 52, 83, 139, 157, 195, 227, 251, 282, 321, 356, 388, 420, 441, 484, 515, 539, 579, 609, 674, 696, 728, 771, 824, 866, 899, 932, 963, 995, 1058, 1062, 1127, 1153, 1222, 1255, 1287, 1337, 1377, 1409, 1440, 1475, 1496, 1572, 1604, 1635, 1667.
Key West, Fla., 1064, 1464, 1667.
Lawton, Wash., 196, 774, 1000.
Leavenworth, Kas., 24, 51, 84, 108, 137, 168, 193, 230, 257, 295, 347, 390, 419, 451, 475, 507, 549, 578, 646, 667, 699, 731, 772, 807, 827, 866, 899, 932, 955, 987, 1026, 1060, 1090, 1147, 1158, 1187, 1218, 1251, 1347, 1379, 1411, 1446, 1476, 1506, 1537, 1570, 1606, 1627, 1667.
Lincoln, N.D., 169, 495.
Liscum, Alaska, 1574.
Logan, Colo., 136, 196, 294, 323, 387, 475, 507, 579, 731, 899, 953, 1063, 1081, 1412, 1479, 1507, 1537, 1571, 1604, 1635, 1667.
Logan H. Roots, Ark., 667, 795, 827.
McHenry, Md., 897, 1145, 1383.
McKinley, Wyo., 22, 136, 157, 199, 230, 251, 326, 347, 387, 488, 507, 577, 667, 679, 699, 827, 891, 999, 1029, 1094, 1123, 1187, 1219, 1243, 1284, 1336, 1444, 1479, 1508, 1539, 1575, 1603, 1640.
Madison Bks., N.Y., 21.
Madison, Wis., 1352.
Mare Island, Cal., 20, 52, 82, 111, 140, 164, 193, 231, 259, 293, 323, 353, 390, 422, 454, 507, 547, 582, 614, 643, 675, 707, 739, 774, 809, 835, 866, 901, 930, 963, 998, 1057, 1094, 1154, 1190, 1208, 1255, 1318, 1350, 1378, 1412, 1446, 1474, 1510, 1539, 1574, 1606, 1638, 1669.
Meade, S.D., 582, 678, 697, 808, 865, 900, 923, 993, 1060, 1159, 1188, 1221, 1251, 1345, 1352, 1377, 1407, 1439, 1473, 1543, 1571, 1627, 1667.
Monroe, Va., 24, 49, 135, 157, 195, 227, 259, 291, 322, 355, 379, 417, 452, 515, 518, 546, 579, 646, 675, 698, 738, 771, 835, 867, 870, 898, 931, 959, 987, 1025, 1059, 1083,

1124, 1155, 1220, 1223, 1286, 1410, 1474, 1533, 1569, 1633, 1660.
Moultrie, S.C., 739.
Myer, Va., 22, 48, 78, 107, 135, 155, 194, 227, 259, 289, 321, 353, 388, 419, 441, 515, 519, 545, 577, 609, 680, 708, 712, 740, 771, 838, 868, 871, 889, 931, 964, 993, 1025, 1057, 1089, 1124, 1153, 1187, 1208, 1288, 1345, 1368, 1407, 1439, 1473, 1506, 1540, 572, 1603, 1667.
Naval Academy, 24, 48, 78, 108, 136, 164, 194, 226, 244, 258, 290, 322, 354, 386, 418, 450, 483, 514, 546, 578, 611, 642, 674, 706, 739, 770, 804, 834, 866, 898, 930, 962, 994, 1026, 1058, 1090, 1122, 1154, 1186, 1218, 1250, 1282, 1315, 1346, 1378, 1408, 1440, 1474, 1506, 1538, 1570, 1603, 1634, 1666.
Newport, R.I., 793, 897, 1223, 1439, 1479.
Niagara, N.Y., 21, 169, 257, 291, 387, 451, 456, 518, 539, 582, 615, 635, 699, 743, 807, 865, 963, 1025, 1091, 1128, 1191, 1232, 1243, 1283, 1347, 1351, 1383, 1409, 1439, 1475, 1543, 1667.
Norfolk, Va., 24, 48, 79, 109, 134, 163, 195, 228, 320, 327, 390, 417, 454, 515, 518, 547, 577, 582, 615, 643, 673, 705, 708, 737, 772, 833, 867, 900, 931, 966, 995, 1062, 1095, 1121, 1126, 1155, 1185, 1220, 1241, 1281, 1344, 1351, 1377, 1407, 1444, 1474, 1507, 1542, 1569, 1603, 1636, 1666.
Oglethorpe, Ga., 643, 836, 1027, 1281.
Omaha, Neb., 871, 1081.
Ontario, N.Y., 24, 110, 166, 199, 249, 379, 420, 1156, 1250, 1307, 1440, 1475.
Pacific Fleet, 1478, 1511.
Panama, 343, 354, 1031, 1081, 1121, 1145, 1188, 1243, 1347, 1368, 1478, 1540, 1606, 1634.
Philippines—Augur Bks., 135, 321, 551, 676, 838, 1031, 1288; Cavite, 1380; Corregidor, 519, 775, 838, 936, 1030, 1096, 1224, 1307, 1377, 1473, 1607, 1640, 1668; Jossman, 1472, 113, 697, 1095, 1160, 1192, 1288, 1473; Keithley, 867, 519, 1446, 1608, 1667, 1671; Lulu Bks., 141, 135, 327, 456, 550, 681, 702, 838; Manila, 249, 391, 809, 872, 889, 903, 967, 1030, 1064, 1095, 1128, 1192, 1223, 1447, 1511, 1512, 1575, 1625, 1668; McGrath, 79, 114, 322, 257, 456, 486, 903, 936; Mills (see Corregidor), 1350; Olangoap, 1478, 1511; Samar, 1512; Stotsenburg, 232, 263, 320; Torrey Bks., 1159, 1193, 1223, 1288; Wm. McKinley, 79, 872, 1030, 1222, 1377, 1447, 1473, 1576, 1625, 1665; Zamboanga, 137, 263, 487, 583, 1095.
Picksen, Fla., 967; Plattburg, N.Y., 391; Porter, N.Y., 169, 231, 315, 392, 514, 539, 579, 711, 731, 871, 999, 1128, 1285, 1351, 1446, 1510, 1573, 1671; Portsmouth, N.H., 1445; Presidio of Monterey, Cal., 24, 49, 83, 113, 135, 165, 195, 227, 260, 293, 315, 355, 418, 486, 514, 935, 1026, 1090, 1155, 1222, 1243, 1350, 1379, 1445, 1507, 1509, 1573, 1645; Presidio of San Francisco, Cal., 110, 165, 227, 356, 451, 517, 635, 711, 763, 869, 935, 1024, 1090, 1154, 1254, 1336, 1575, 1537, 1571, 1603, 1634, 1670; Puget Sound, Wash., 21, 25, 83, 140, 198, 262, 295, 326, 355, 423, 550, 675, 729, 809, 865, 899, 1027, 1059, 1158, 1190, 1318, 1378, 1478, 1538, 1607, 1633.
Riley, Kas., 21, 643, 664, 667, 743, 807, 827, 865, 891, 955, 966, 1028, 1030, 1058, 1080, 1155, 1158, 1211, 1285, 1307, 1337, 1382, 1464; Robinson, Neb., 292, 388, 417, 936, 1092, 1128, 1209, 1241, 1287, 1344, 1352, 1439, 1543; Rosecrans, Cal., 55, 644, 674, 743, 1543, 1607.
Sam Houston, Texas, 22, 80, 135, 155, 185, 258, 324, 388, 443, 515, 614, 680, 699, 744, 770, 808, 836, 897, 900, 935, 1028, 1192, 1240, 1345, 1439, 1543, 1569, 1633; San Diego, Cal., 20, 52, 83, 112, 140, 168, 198, 238, 259, 294, 325, 392, 420, 422, 455, 515, 551, 583, 646, 674, 707, 744, 838, 889, 903, 936, 1000, 1089, 1124, 1179, 1247, 1248, 1315, 1344, 1389, 1439, 1514, 1540, 1575, 1573, 1635, 1671; San Francisco (see Schofield), 136, 1025; Schofield Bks., H.T., 199, 232, 286, 295, 419, 1000, 1031, 1159, 1192, 1252, 1287, 1384, 1447, 1542, 1638; Screven, Ga., 239, 391, 417, 583, 712, 824, 963, 964, 1407, 1479, 1508, 1572; Sheridan, Ill., 22, 25, 50, 52, 79, 112, 163, 193, 199, 281, 258, 289, 321, 347, 355, 392, 411, 423, 455, 486, 520, 539, 583, 612, 647, 676, 710, 729, 760, 804, 833, 889, 936, 967, 994, 1028, 1093, 1091, 1158, 1198, 1571, 1604, 1633, 1665; Still, Okla., 193, 225, 327, 379, 423, 451, 489, 516, 545, 646, 711, 774, 806, 836, 867, 902, 934, 1126, 1159; Slocum, N.Y., 249, 321, 385, 417, 473, 516, 537, 612, 708, 808, 1241, 1337; Snell, Minn., 24, 47, 83, 113, 168, 231, 262, 327, 347, 391, 423, 487, 518, 547, 583, 615, 647, 710, 740, 771, 806, 867, 871, 902, 935, 966, 1000, 1069, 1094, 1123, 1155, 1190, 1218, 1254, 1286, 1348, 1383, 1412, 1440, 1479, 1538, 1570, 1607, 1639, 1670.
Terry, N.Y., 742, 987, 1123; Tokio, Japan, 488; Totten, N.Y., 21, 48, 80, 109, 137, 166, 193, 228, 259, 283, 321, 353, 379, 417, 452, 484, 516, 547, 569.
Vancouver Bks., 140, 699, 737, 871, 897, 930, 966, 999, 1000, 1027, 1060, 1081, 1126, 1153, 1209, 1251, 1285, 1317, 1352, 1378, 1380, 1475, 1507, 1539, 1606, 1635, 1671.
Wadsworth, N.Y., 292, 675; Washington, Md., 678, 728, 804, 827, 868, 902, 967, 1027, 1081, 1128, 1156, 1188, 1243, 1251, 1350, 1384, 1447, 1575, 1605; Wayne, Mich., 603, 932, 1019; West Point, N.Y., 20, 48, 78, 108, 136, 164, 194, 226, 244, 258, 290, 322, 354, 387, 418, 450, 483, 514, 546, 578, 603, 642, 674, 707, 738, 770, 795, 834, 866, 898, 900, 930, 962, 993, 994, 1026, 1058, 1090, 1122, 1154, 1186, 1218, 1250, 1283, 1340, 1378, 1408, 1440, 1474, 1505, 1528, 1570, 1603, 1634, 1666; Whipple Bks., Ariz., 583, 664; Wm. H. Harrison, Mont., 808, 871; Williams, Me., 50, 53; Wood, N.Y., 1346; Worden, Wash., 262, 705, 806, 824, 1059.
Yellowstone, Wyo., 475, 583; Yalita, Texas, 1508, 1607.

LETTERS TO THE EDITOR:

Abolish officer of the guard, 532; After effects of athletics, 1076; Aiguillettes, 479; Aiguillettes for all, 150, 212; Aiguillettes for staff officers, 308; Ainsworth case, 1236; Among tobacco fields of Cayce, 1424; Annual test for field officers, 6; Anti-steam-roller answered, 1555; Appeal to reason, 436; Army canteen, 852; Army corps, 660, 724, 755; Army correspondence, 596; Army factor in racial uplift, 1236; Army its worst enemy, 755; Army officer for 84 years, 244; Army officers retired for disability, 851; Army participation in aviation meets, 628; Army shoe, 6; Army transports, 1080; Artillery practice in Army, 1555; Assignment to quarters, 1556; Austrian cavalry, 1586; Barber, Gen., 1171; Barry, Commo. J., 1620; Beef vs. bayonets, 532; Bugle calls, 1524; Bulletin 15, A.G., N.Y., 1172, 1204; Burdensome treasury requirement, 212; Bursting Enhrardt rifle, 1555;

Cadet as dictionary word, 1332, 1364, 1398; California asserts herself, 307; Campaign badges, 852; Cavalry and unity in Army, 1012; Cav. chase after strange gods, 1489; Cavalry losses in dismounted action, 851; Cavalry machine gun, 435; Cavalry organization, 6, 93; Cavalry reduction a mistake, 788; Changes in uniform, 435, 564; Chr. Science and sanitation, 660; Chr. Science vs. drugs, 692; Clothing allowance, 884; Coast Artillery reserve encampments, 755; Colonial army proposed, 596, 1108; Color test for seamen, 1424; Commissioning veterinarians, 34; Compressed air for saving ships, 1108; Consider the dept. clerks, 436; Consolidated promotion, 6, 33, 64, 122, 150, 180, 212, 243, 409, 563, 1430; Consolida-tion of staff depts., 660, 692; Continental ship America, 1912; Convenient army, 372; Credit for foreign service, 1108; Criminal identification of enl. men, 916; Cure vs. prevention (desertion), 532; Cutter of U.S. S. Essex, 467; Cutting discharge money, 563; Detail system, 532; Disadvantage new promo. plan, 243; Discharges purchased, 34; Discipline vs. personality, 436; Disclaimer (Roosevelt panegyric), 1332; Division su-perior to corps, 724, 755; Do it now, 1430; Do not forget esprit de corps, 1012; Double rank and Cavalry, 1076; Doubledoy, Gen., 122; Drill Regs., spirit and letter, 44; Drinking in Army, 1171; Economy and ef-ficiency, 884; Effect of Army consolidation, 1368; Efficiency in war, a single phase, 978; Electioneerin' fer a lickin', 1108; Enlight-ened governor, 1203; Enlisted men's travel pay, 1172; Enlistment oath, 1652; Exile the deserter, 978; Explosion, Liberté and Maine, 150; Ex-Press. Alfaro of Ecuador, 948; Facts about Fiske's semaphores, 692; Families in field, 1364; Father of modern Navy, 1204; Faults of Inf. Drill, 37; Federal pay for N. 959; Field Artillery gunners, 884; First shot at San Juan, 340; Five-year en-lisment, 532, 692, 852, 916; Flat feet and cold feet, 1565; Fleet illumination, 308; Four-arm semaphore, 1076; Furniture for quarters, 884; Garden Canyon and Ft. Huachuca, 150; Gen. Farley's antecedents, 1076; Gifts to U.S.S. Florida, 564; Gom-pers treading on flag, 659; Grads, civilians and enl. men, 1108; Greene, Gen. George S., 1108; Grounding of U.S.S. Nebraska, 1312; Hay bill and N.G., 479, 571; Hearing for man behind gun, 792; Hindsight and fore-sight, 1204; Hints as to new Inf. drill, 248; His preference as to detached service, 724; Hosp. corps sergeants, 1424; How to equalize promotions, 531; How to meet overseas at-tack, 1043; How to secure Army harmony, 818; Hypothetical Army, 504; Illogical Pio-neer Press, 692; In defense of Cavalry, 959; In defense of Senator Williams, 759; Inquisi-tive young man, 1171; Interpreting Drill Regulations, 1620; Kappa case (Chr. Sc.), 1620; Latest on Service bill, 1076; Leggings and sabers, 34; Life insurance for Services, 436; Localization of regiments, 122; Loca-tion for School of Musketry, 467; Machine-gun platoons, 372; Maligning Army, 1556; Marines as F.A., Pac. coast, 180; Memorial to Coghlan, 377; Mene, Mene, Tekel Upha-son, 1171; Mephitis-Mephitis (skunk), 884; Military training in schools, 532; Mr. Holt and Mr. Hobson, 728; Misuse of Army uni-form, 76; Money allowance on discharge, 499; More Cavalry, 659; Moro province, 808, 1043; Mounts for Hosp. Corps, 1556; Name for new battleships, 1664; National Guard of Missouri, 1107; Naval gun practice, 819; Navy graded retirement, 1364; Negro soldiers at Mt. Gretna, 1268; New Inf. Drill criticized, 216; 307; Non-smokers as hikers, 276; Objects to requirements for commission, 138; Objects to term "enl. man," 660; Offensive use of word "cadet," 536; On behalf of Cavalry, 755; On behalf of veterinarians, 212; Only reason (efficiency and promo.), 6; Overheard at White House, 916; Pacification of Moros, 339; Paper work, clothing issue, 1586; Passing the buck, 212; Pathetic incident, 34; Patrick, Gen. M. R., 1364; Patriotic duty, 1489; Patriots (no battleship program), 1523; Pay of acting first sergt., 1108; Pay of en-listed man, 536, 724, 884; Pay of non-commissioned officers, 1171; Peculiarities of dynamite, 6; Period of enlistment, 531, 724; Pessimist's opinions, 1652; Polishing up Swiss soldier, 6; Polo in Hawaii, 307; Possible Army re-serve, 1043; Praise for Mountain Artillery, 243; Precedent for hospital ships, 76; Pres-byterians on canteen, 1236; Promote con-tent in Army, 1171; Promote esprit, 33; Promotion according to longevity, 532; Promo. by selection, 1521; Promotion for Army lieutenants, 1489; Promo. in Med. Corps, 1489; Property accountability, 692; Proposed legislation, enlisted man, 1043; Proposed Supply Corps, 564; Proud (!) to wear the uniform, 532; Provisional In-fantry brigade (Red), 1663; Quartering troops in city barracks, 122; Question of life insurance, 531; Rank for chief musicians, 436; Rash statements from dizzy heights, 571; Reducing Army expenses, 532; Re-enlistment, 660; Remember Med. Reserve, 660; Repeating field messages, 1556; Re-quirements of Volunteers, 436; Retired pay for Civil War veterans, 1667; Retirement, 25 yr., 1171; Right of soldier to vote, 340; School of instr. for officers, 1172; Search-ing for a lost son, 532; Seeker after historic truth, 755; Sergeants' clubs, 1332, 1424; Sergeants' major, jr. grade, 435; Service as cadet or mdsn., 819, 852; Service with troops, 948; Sheridan apptd. to Academy, 978, 1012; Signaling in fleet, 660; Simpli-fication of uniforms, 1236, 1332; Slander of Army, 1620; Slocum, Gen., sketch, 340; Smokeless powder, 480; Some advice for Jack London, 76; Some Army statistics, 1204; Some expressions of sound opinion, 819; Some peculiarities, re-enlistment, 212; Sp. War: El Caney blockhouse, 409; Spirit of the soldier, 33

N. yd. question, 121; economy and efficiency, 924; ensure safety at sea, 1267; hearing Naval Committee, 824; ill, 1365; important problems, 105; naval development, 350; not to resign, 1341; reorganization, 189; reviews Naval Militia, 1087; visit to Europe, 35, 92, 105.
Mississippi bilged, 1394.
MILITARY:
Aid in great disasters, 178; archives, 815; articles for the lay press, 1489; attachés, 693; bridge equipment tactics, 1141; colleges and encampments, 1168; courts and Articles of War, 815; courts too cumbersome, 815; drill and schools, 496; educa. of youth (Parker), 817; expenditures and nat. wealth, 303; instructors at colleges, officers for detail, 176; instructors in schools, grade of, 721; laws of U.S., 751; Methods in Rail-roading (Hine), 882; organization, corps vs. division, 533; philippic (Joyce), 531; preparedness (Meserve), 1457; prison reform, 383, 501, 601; school cadets as state school instructors, 661; service, educational value, 239, 639; service, educator's view, 1391; Service Institution, 690, 764, 789; study of man (Bullard), 624 titles to civilians, 496; training, advantage to boys, 1651; training, character from, 370; training for college men, 241; training in schools, 532, 1077; training value, 271, 273, 1141, 1265 (see German).
MILITARY ACADEMY:
Additional instructors detailed to the, 988; assignment of grads., 1497, 1535, 1592; athletic bulletin, 1040; authority of Academic Board, 565; baseball records, 1392; cadets and liquor (G.C.M.), 39, 65, 95, 151; cadets' retreat, 1144, 1176, 1205 (see Congress); candidates, successful, 1300, 1535; Chinese student, 1040; class of 1884, anniv., 881; class of 1886, 415, 757; class of 1887, 817, 1304; class of 1897 reunion, 1143; demerits and punishments, 65; details as instructors, 925; distinguished grads. (articles by Capt. Davis), 126; education of reserve officers, 1469; exams., 1019; false reports drinking, 1151; fencing tournament, 1010; furlough class, 1300; graduation, 1314, 1315; grads., addresses of, 1300; Grads. Assoc., 1078; grads. standing, 1300; hotel fire, 1333; Howitzer, 1119; insufficient instruction in equitation, 317; making gentlemen, 729; new supt., 1117, 1629; oldest graduate, 1011, 1108; parallel for police, 1263; pictures, 1109; plebe life described, 1648; Presidential appointees, 1237; reunion Chicago, 977; reunion W.P. grads., 856, 885, 915, 917, 952, 982, 1011, 1047; Taft declines to reinstate cadets, 441, 917; vacancies (1912), 45, 318, 465, 563, 863, 978; (1913), 1554; visiting board, 1013; see Annual reports and Congress, also letters from West Point.
Militia (see National Guard); Accts. between states and Govt., 1141.
Militia Affairs, W.D.: Head of, 816; Notes, 74, 190, 211, 281, 339, 416, 498, 696, 786, 850, 915, 978, 1045, 1112, 1173, 1460, 1656.
Millions of men, few soldiers, 273.
Missing: Dallam, 919; Lykes, 68, 920.
Mississippi levees: burst, 1104, 1143, 1151; caused to relieve, 1136; relief by Army and R.C.S., 1174, 1328; system discussed, 1419; storage reservoirs condemned, 1461.
Mississippi River fickle, 176.
Mobilization: Meaning, 849; railways and, 943.
Mohammedans defended by Pierre Loti, 576.
Mohonk, Lake, Conference, 216.
Monitor: See Ericsson.
Monitor-Merrimack: Anniversary, 829, 883, 885; "last survivor" dies, 885.
Monroe Doctrine: Arb. treaties, 151; Germany and, 1103; Mahan on, 1237; new, 61; Panama and, 1008; see Japan, Panama.
Monuments and memorials: Alexandria, La., 432; Bishop mem. fund, 1428; Butt, 1621; Civil War, Phila., 530; Coghlan, 377, 1168, 1175; Corbin, 629, 658; desecration, 272; Fort Griswold battle, 63; Hovey, 1655; Howard at Mil. Acad., 1040; Irish soldiers, N. Y., 1520; Jackson, Stonewall, 437; Jones, J. P., 405, 633, 660, 983, 1013, 1048; Lincoln, dedication, 309; M. Alexander, 368; Newtown, 1589; Old Guard, Atlanta, 4; Phila. Navy Yd. arch., 640; Stanton, 39; Titanic, 1301, 1333, 1428, 1621; U.S.S. New Hampshire, 319; Von Steuben to Germany, 35; women of Civil War, 155, 533; Worth (N.Y.C.), aqueduct contractors, 4; Wrenn, 1552.
Moore silence, 1331, 1363.
Moroccan question, 31, 32, 65, 527.
Mosquito, protection agst., 31, 318, 527.
Movements of troops: 15, 39, 411, 565; Alaska, 632, 461; back from Texas, 233, 284, 565, 693; Cavalry to Phila., 123, 414; C.A.C. (146th), 151; C.A.C., 151, 213, 501; Engrs. to Phila., 473, 501; from Phila., 853, 885, 1213, 1237; Mex. border, 757, 792, 821, 1141, 1137, 1395; to and from Honolulu, Phila. and U.S., 160; to China, 597, 661, 792, 793, 817, 885, 887, 921; to Hawaii, 688, 1427; to Panama, 1085; via Monterey, 757; 4th Cav., 469, 565; 14th Cav. from Phila., 821, 1221, 7th and 20th Inf., 344, 469; 10th Inf. to Panama, 39, 43, 65, 92, 126, 151; 13th Inf. to Phila., 98; 23d Inf. to Ft. B.H., 65; 28th Inf. to Phila., 103.
Moving pictures, military, 1589.
Munroe, Dr., banqueted, 822.
Musician, rank of chief, 436.
Muster, uselessness, 976.
Napoleon, 461, 328, 533, 560, 660, 1136, 1299.
National anthem, 572, 879, 947, 1361.
National budget, Taft for, 1104.
National Defense and Peace League, 7.
NATIONAL GUARD (see Militia Affairs):
Appeal for citizens to give attention to interests of N.G., 1071; apportionments, 17; armories and political fights, 1039; armories near homes, 1328; athletics, 1419, 1651; attack across open ground, 1541; average marksman or few crackshots, 60; benefits maneuver division, 376; Blauvelt range, 210, 261; brigade organization, 1551; Brit. territorial compared N.G., 537, 572; Bronx armory, 484; Coast Art. 721; C.A. armory equipments, 501; C.A.C. efficiency, 1080; C.A.C. exams., 1013, 1469; C.A.C. status in Army, 123; C.A.C. target practice efficiency, 43; C.A. training, 669, 733, 755, 821; Columbus Day parade, 190; combat firing experiments, 277, 628; Comd. Off. Assoc., N.Y., 881; concentration camp, L.I., 1084; Conv. N.G. Assoc., 91, 103, 151, 191, 211, 213, 245, 469, 677; discouraging organizing new Inf. units, 405; dish, dish, non-attendance drill, 336, 464, 656, 816; dummy guns, 661; effect of Reg. A. on, 725; efficiency vs. 100 per cent. attendance, 276; employers, 911, 991, 1333, 1455, 1457, 1487; enl. term varies, 1621; escort for G.A.R. (N.Y.), 848; estimates for joint maneuvers, 35, 73; Evans' plain talk, 415; evil resorts put down by Gov. of Oregon, 1599; farce in annual mus-

ters, 901; Fed. pay, 959 (see Congress); field artillery for, 623; F.A. instruction at Sparta, 159; field day in Phila., 1109; field kitchen, 1360; field problem, Field Art., N.Y., 728, 772; field service, N.G.N.Y., 869; field service notes, 1584; fitness for service, 959, 1007; foreign service, 881, 883, 957, 1151; Gaylor on use in strikes, 527; Hay bill and, 477, 501, 528, 532; in strikes, 1192; instructor sergeants (A.) not to be detailed, 1180; Ky. N.G. study D.R. and F.S. in field, 368; limitations in use (legal), 881, 893, 957, 1048, 1181; males of Militia age, statistics, 1621; maneuvers for 1912, 159; maneuvers, number in, 1557; Mass. N.G. maneuvers, 562; Med. Dept. efficiency, 43; military athletic tournament, N.Y., 1541; military law and the Governor, 1163; Militia council, N.Y., Governor, 60; Militia not a national force, 1365; minimum needs in nat. defense, 719; N.G. and N.Y. weapons law, 63, 121; N.G. Assoc., N.J., dinner, 848; N.G. or "Militia," 1295, 1391; N.G. service parat. jury, 213; needs, 1151; negro regt., N.G.N.Y., 847; new firing system, 1263; N.J. reorg., 496; N.Y. abolish major general, 1359; N.Y. Chamber of Commerce and, 1104; N.Y. maneuvers, 789; N.Y. med. officers tactical walk, 1398; N.Y. mil. law, 917, 944; N.Y.N.G. bills in legislature, 816; N.Y.N.G. encamp. and assembly committee, 175; N.Y. retirement law, 1109; N.Y. supernumeraries, 783; N.Y. to Panama-Pac. expo., 821; notes, see each issue; officers at School of Fire, 1269; organization into divisional distrs., 821; Pac. coast Art. reserve, 431; patriotism and preparedness (Meserve), 1455, 1457; pay, 15, 1559 (see Congress); pay and Brit. territorial, 976; pay and Gov. of Maine on relation to Army, 729; pay better spent on reserves, 912; pay bill and Ohio N.G., 1045, 1055; physical standard, 1135; plans for improvement, 317; Pollock on U.S.N.G., 537, 572; prize-winners in nat. match, 912; proper credit, attendance at drills, 239; recruiting methods, 1427; Reg. Army instruction of, 881; Reg. Army officers and N.G. policies, 1052; Reg. officer holdg. comm. in N.G., 725, 753, 984; retiring officers, N.Y. N.G., 580; rifle practice, N.Y., 325, 453; rifle qualification difficult, 1269; Roe (N.Y.), retirement, 1110; saluting, A.G. on, 1172, 1204; sergeants on duty with, 1180, 1615; Sig. Corps efficiency, 123; social life and armory reviews, 976; strike duty, 1008; strike riots, Mississippi, 151; subsidizing employers, 72; Texas maneuvers postponed, 1395; Texas N.G. and Mex. service, 949; theoretical mobilization, N.Y., 516; Thirteenth N.Y. visit Ft. Hamilton, 1077; tribute to Army officer, 1139; troops on riot duty, 831 (see Labor); utilization Org. Militia, 852; Va. G.C.M. and employers on camp attendance, 95, 119, 121; Va. N.G., 724; Vermont Militia matters, 154; "Volunteer force," 1181; see Maneuvers.
National Guard by states: Colorado, 81, 139, 261, 325, 421, 773, 1093, 1221, 1317, 1381, 1442, 1584, 1615; Connecticut, 197, 1135; Florida, 197, 581, 1221, 1541; Iowa, 612; Louisiana, 1361, 1509; Maine, 709; Maryland, 229, 1156; Massachusetts, 23, 138, 139, 167, 269, 548, 677, 965, 1253, 1441; Michigan, 138, 137; Missouri, 1107; Nebraska, 723; New Hampshire, 111, 197, 293, 1253; New Jersey, 51, 81, 167, 197, 1125, 1221; New York, 324, 645, 1636; North Carolina, 741, 932, 1285; Ohio, 997, 1189, 1221; Oregon, 1061, 1399, 1637; Pennsylvania, 196, 229, 324, 548, 1061, 1476, 1509, 1573, 1637; Vermont, 154, 167; Virginia, 23, 51, 95, 1029, 1437, 1604; Washington, 293, 453, 1411; Wisconsin, 709, 1381, 1411. See N.G. Notes each issue.
National Match: Finals, 7, 16, 34; Palma trophy, Ont., 7; results of rifle competitions, 72.
Nautical training ships, 1104.
NAVAL:
Aids, legalization of, 405, 605, 1022; anniversaries, 1460, 1650; Athletic Assoc., 1071; bases, Honolulu and Philippines, 1136; bases, selection and defense, 92, 239; battle flags, preserving, 489; boards on repairs, 924; constructor's book, 434; economy and efficiency, 924; efficiency and appropriations, 1422; efficiency and training, 63; hospital acctg., 1311; Med. Bulletin, 659, 917; med. school, 13, 928; personnel and its development (Holmes), 498; Panama Canal tolls, 1596; Sigsbee on naval, 1071; Congress, 1071; strategy (our) criticized, 955; strength, 1071; method of calculating, 340; surgeons and battle practice, 1139; training station and schools, 1391; training station, Chicago, 18, 123, 151, 245, 288, 1391, 1584, 1621; training sta., Newport, 46; War College, 1237, 1360.
NAVAL ACADEMY:
Against dependence upon preparatory schools, 1471, 1525; board of visitors' report, 1362; candidates, 1333; five-year course urged, 1071; grads., 1282, 1315; Grads. Assoc., 1055; Miss Beers incident, 432; new midsm., 1313; practice cruise (1911), 17, 106, 132; practice cruise (1912), 1402, 1653; reunion class of 1892, 1203; reunion class of 1897, 1205, 1301; revision of curriculum, 1176; rule match, 1170; School of Marine Engineers, 35, 90, 465, 527, 1119, 1168, 1461; semi-ann. exams., 693; spooning at, 1360; successful candidates, 1151, 1408; summer cruise, 797, 896, 1244, 1341; time of admission, 4th class, 1628. See also letters from Naval Academy.
Naval Militia, 900, 1060, 1220, 1284, 1301, 1410, 1500, 1616; California, 1653; instruction, 736; loving cup to Commo. Miller, 501; Massachusetts, 261; Meyer reviews, 1087; Naval M. Assoc., 613; naval reserve officers' authority, 341; Pennsylvania, 848; program, 960, 1340.
Navies: Commerce destroyers, 1073; compar. strength, 527, 1282; Europe "growing," 1073; naval expenditure and personnel, 241; national integrity, 131.
Navigation Congress, international, 656, 751, 754, 816, 976, 1007.
NAVY:
Accounting, 433; adequate Navy and the country's welfare, 213; amalgamation, Pay and Constr. Corps (Winthrop board), 381, 437, 469, 501, 541, 597, 606; ammunition hoists, 117; Asst. surgs. successful, 1109; athletics, 466, 880, 949; Atlantic and Pac. distrib. of fleets, 335; battle practice rules, 437, 541, 597; battle practice scores, 449 (see Target practice); blanks for reports, 1395; building program, 701, 704, 728, 783, 799 (see Battleships and Congress); carpenters' exams., 1488; changes ship to store duty, 988; chaplains, too few, 1488; cleaving gun from Navy stores, 368; coal consumption, 880; coal supply, 925 (see Coal); commission and home life, 245; comparative expense memo., 693; construction of ships for fuel supply, 1320; Continental (Means), 1521; continental ship America, 1012, 1040; degree of completion, 59, 176, 352, 465, 608, 769, 896, 1168, 1295, 1438, 1600; eloquent plea for, 1311; emergency maintenance, 1333; engineering competition rules, 1149; engineering trophy to submarines, 161; equipped for war, 480; estimates, 175; exhibit at N.Y. electr. show, 151; fire-control masts, 134; fleet reviews, 1557, 1661; flogging favored, 506, 852; galleon, each issue under Navy heading; graded retirement, 1304 (see Congress); hammocks as life rafts, 1552; handbook (Williams), 752; health, 1075; Hosp. Corps first aid contest, 1557; "hump" in personnel, 533; hydrographic charts, 765, 831; improving navigation, 1086; insanity and recruits, 1072; landing force instructions, 734; League, see Societies; life or home life of officers, 240; limiting repair work, 1279; line and staff amalgamation, 132; loan sharks, 789; marksmanship and vision, 1488, 1520; Med. Corps conditions, 850; mess criticized, 404; names for new vessels, 256; new "line," 498; new policy assignment of officers, 1629; officer detail schedule, 1053; officers' efficiency reports, 765; officers' quarters in ships, 1520; organization charts, 796; oversteering leave, 559; pay clerk, shortage accts., 192; Pay Corps conditions, 850; Pay Corps, increase personnel, 541, 592; personnel changes, important, 220; personnel increase proposed, 159; phys. training U.S.N., superior, 816; precedent for hop, ships, 76; prospective changes, 316, 349; Pullman Palace "Car," 46; regulations, changes, 513; reserve fleets, 851, 892; retired list statistics, 959; rotation at stations, 1434; school children and N., 1391; school for musicians, 768; shore patrol duty, 1360, 1552; shortage enl. men, 221; signaling, 660; standardizing ship organization, 1269; surgeons, exams., 1301; Swedish phys. training, 1086, 1362; swimming in, 129, 163; table, each issue under Navy heading; tribute to (flag incident in House), 863; U.S.S. Penna. renamed Pittsburgh, 1653; vice admiral for, 381 (see Navy bill).
Navy Dept.: Battleship bids, 541, 576; bids for gunboats, 693; bids for torpedo testing barge, 1231; bids for projectiles, 384; British chartered accountants, 597; efficiency Bureau of Supplies and Accts., 1013; proposals for projectiles, 319; record, 1910-11, 1363; revision gen. specifications, ships, 797; scientific management, 816; special orders discontinued, 860, 943.
Navy yards: Accounting systems, 207, 433; channel depths, 829; closing useless, 11, 14, 312, 60, 176, 700; criticisms of management (Evans), 1137, 1269; director apptd., 413, 463; drydock progress, 1040; estimating on gunboats, 853; exper. tanks suggested by Swedenborg, 405; increased cost, ship repairs, 469; investigation of management, 1130; items, various, 17, 46, 76, 106, 133, 161, 192, 224, 256, 288, 319, 351, 384, 410, 449, 480, 512, 543, 544, 576, 608, 641, 672, 704, 736, 769, 800, 832, 863, 894, 896, 928, 960, 992, 1023, 1056, 1088, 1120, 1152, 1183, 1184, 1205, 1216, 1248, 1280, 1312, 1343, 1376, 1405, 1437, 1461, 1471, 1504, 1535, 1567, 1568, 1599, 1600, 1632, 1664; management of plants (Edwards), 1295, 1296; military control, 224; new Navy cons., 451; New York, abandonment, 11, 176; New York, abandon, 1437; New York, new docks, 123, 277, 512, 1152; Norfolk, strike, 575; pay, 629; Pearl Harbor dredging, 213, 661; Pensacola drydock to be sold, 832; Phila. improvements, 1173; Phila. urges enlargement, 272; planning depts., 7; Puget Sound drydock, 544, 691; reduction of forces, 1116; ship management, 60, 73, 159, 176, 277, 413; Washington N. Yd., Foundry, 42; investigating, 213.
Negro: Army as factor in uplift, 1236; at Mount Gretna, 1268; in Navy, 1525, 1552; Mingo Sanders to classified service, 1552; opposition to in Hawaii, 880.
New York city: Deepening Hudson, 1109; harbor engineering plans, 757; harbor nuisances, 495; murder statistics, 693; police and crime (Bingham), 1519; police annual parade, 1200; police discipline, 880.
New York state cons., 1360.
New York U.S.S., keel laid, 76.
Nicaragua troubles, 1557, 1589, 1629, 1631, 1661, 1663.
Nicholson, removed from Bureau of Navigation, 437.
Night attack, future, 911, 1263.
Nominations and Confirmations, see Congress.
Non-Coms.: More frequent publication of lists, 7; pay, 1171; see Sergeants under various depts.
North Dakota, U.S.S., wins boat race, 864.
Norfolk anniversary, 1008.
Norway Nat. Hist. Museum, 272.
Norwich University, history, 912.
OBITUARIES:
Alger, 822, 984; Allderice, 152; Allen, 649, 726; Amory, 374; Anglum, 566; Bagg, 183; Bagg, 1494; Beck, 406; Belde, 1527; Benjamin, 471; Bertolotto, 661, 662, 736, 758; Bishop, 1142; Black, 439; Bowyer, 918; Brice, 566; Bridgman, 1078, 1111; Brown, 662; Budd, 1046; Buhner, A. 214; Bullock, W. L., 1494, 1558; Butt, 1056, 1075, 1078, 1105, 1112, 1144, 1333; Caley, 567; Carey, 983; Carr, 214, 279; Carter, 1015; Chamberlain, 1015; Chapman, 503, 534, 566; Coffin, 1558; Colville, 1655; Cortelyou, 1302; Corning, 886, 918; Crampton, 1046; Crissey, 790; Cronin, 1622; Cushman, 1438; Dallam, 983, 1046; De Courcy, 951; Dexter, 279; Dowdy, 983; Duffield, 1463; Duggan, 1207; Duncan, 1167, 1174, 1207; Dutton, 567; Enos, 1591; Evans, 566, 574; Everett, 1302, 1334; Ewers, 630; Farley, 1014, 1076; Fletcher, 1622; Foster, 726; Garrett, 36; Goodspeed, 631, 662; Gow, 855; Grant, F. D., 1014, 1046, 1075, 1077, 1078, 1092, 1137; Greenleaf, 36, 93, 97; Greenough, 1366; Grierson, 163; Hardy, 1111; Harlan, 585, 806; Hathaway, 1526; Hay, 374, 406, 439; Hays, 1591, 1655; Hazlehurst, 1302, 1334; Heilner, 662; Hinman, 1622; Hodges, 534; Fovey, 124, 406, 533, 544; Impey, 854; Jones, 1494; Kendall, 758, 790; Koerper, 598, 630; Lamberton, 1302; Lawrance, 630, Lee, 1271; Lisle, 279; Lissak, 1238; Lowell, 726; Lynch, 183, 214; Lyon, 67; McClure, 694; McDonald, 1111; McMillan, 504, 535; Marshall, 832; Matthews, 67, 123, 181; Meville, 913, 918, 950, 1295; Montague, 726; Moore, 886; Morgan, 97; Mosher, 503, 535; Motlow, 278; Newman, 1591; Nicholson, 311; O'Brien, 1046; Olmsted, 598; Ord, 919; Parker, 471; Patterson, 886; Pender, 97, 152; Porter, 1306; Powers, 758, 1042; Price, 181, 210, 406; Prime, 1111; Prud'homme, 919; Purcell, 1046; Ray, 278; Riggs, 374; Robinson, 153; Roddy, 790; Rollins, 588; Rush, 736; Sands, 278; Sawyer, 1046; Schley, 148, 153; Sears, 790; Sheppard, 950; Shipley, 471; Simpson, 1655; Smith (Wm.), 630; Speer, 1655; Steele, 822; Steelhammer, 950; Sterne, P. 471; Sterne, F. S., 502; Stevenson, 153, 279; Stodder, 183; Sumner, 1654; Taylor, 343; Thomas, 758, 790, 885; Thompson, 886; Trimble, 374; Trout, 1238; Tryon,

1600; eloquent plea for, 1311; emergency maintenance, 1333; engineering competition rules, 1149; engineering trophy to submarines, 161; equipped for war, 480; estimates, 175; exhibit at N.Y. electr. show, 151; fire-control masts, 134; fleet reviews, 1557, 1661; flogging favored, 506, 852; galleon, each issue under Navy heading; graded retirement, 1304 (see Congress); hammocks as life rafts, 1552; handbook (Williams), 752; health, 1075; Hosp. Corps first aid contest, 1557; "hump" in personnel, 533; hydrographic charts, 765, 831; improving navigation, 1086; insanity and recruits, 1072; landing force instructions, 734; League, see Societies; life or home life of officers, 240; limiting repair work, 1279; line and staff amalgamation, 132; loan sharks, 789; marksmanship and vision, 1488, 1520; Med. Corps conditions, 850; mess criticized, 404; names for new vessels, 256; new "line," 498; new policy assignment of officers, 1629; officer detail schedule, 1053; officers' efficiency reports, 765; officers' quarters in ships, 1520; organization charts, 796; oversteering leave, 559; pay clerk, shortage accts., 192; Pay Corps conditions, 850; Pay Corps, increase personnel, 541, 592; personnel changes, important, 220; personnel increase proposed, 159; phys. training U.S.N., superior, 816; precedent for hop, ships, 76; prospective changes, 316, 349; Pullman Palace "Car," 46; regulations, changes, 513; reserve fleets, 851, 892; retired list statistics, 959; rotation at stations, 1434; school children and N., 1391; school for musicians, 768; shore patrol duty, 1360, 1552; shortage enl. men, 221; signaling, 660; standardizing ship organization, 1269; surgeons, exams., 1301; Swedish phys. training, 1086, 1362; swimming in, 129, 163; table, each issue under Navy heading; tribute to (flag incident in House), 863; U.S.S. Penna. renamed Pittsburgh, 1653; vice admiral for, 381 (see Navy bill).
Navy Dept.: Battleship bids, 541, 576; bids for gunboats, 693; bids for torpedo testing barge, 1231; bids for projectiles, 384; British chartered accountants, 597; efficiency Bureau of Supplies and Accts., 1013; proposals for projectiles, 319; record, 1910-11, 1363; revision gen. specifications, ships, 797; scientific management, 816; special orders discontinued, 860, 943.
Navy yards: Accounting systems, 207, 433; channel depths, 829; closing useless, 11, 14, 312, 60, 176, 700; criticisms of management (Evans), 1137, 1269; director apptd., 413, 463; drydock progress, 1040; estimating on gunboats, 853; exper. tanks suggested by Swedenborg, 405; increased cost, ship repairs, 469; investigation of management, 1130; items, various, 17, 46, 76, 106, 133, 161, 192, 224, 256, 288, 319, 351, 384, 410, 449, 480, 512, 543, 544, 576, 608, 641, 672, 704, 736, 769, 800, 832, 863, 894, 896, 928, 960, 992, 1023, 1056, 1088, 1120, 1152, 1183, 1184, 1205, 1216, 1248, 1280, 1312, 1343, 1376, 1405, 1437, 1461, 1471, 1504, 1535, 1567, 1568, 1599, 1600, 1632, 1664; management of plants (Edwards), 1295, 1296; military control, 224; new Navy cons., 451; New York, abandonment, 11, 176; New York, abandon, 1437; New York, new docks, 123, 277, 512, 1152; Norfolk, strike, 575; pay, 629; Pearl Harbor dredging, 213, 661; Pensacola drydock to be sold, 832; Phila. improvements, 1173; Phila. urges enlargement, 272; planning depts., 7; Puget Sound drydock, 544, 691; reduction of forces, 1116; ship management, 60, 73, 159, 176, 277, 413; Washington N. Yd., Foundry, 42; investigating, 213.
Negro: Army as factor in uplift, 1236; at Mount Gretna, 1268; in Navy, 1525, 1552; Mingo Sanders to classified service, 1552; opposition to in Hawaii, 880.
New York city: Deepening Hudson, 1109; harbor engineering plans, 757; harbor nuisances, 495; murder statistics, 693; police and crime (Bingham), 1519; police annual parade, 1200; police discipline, 880.
New York state cons., 1360.
New York U.S.S., keel laid, 76.
Nicaragua troubles, 1557, 1589, 1629, 1631, 1661, 1663.
Nicholson, removed from Bureau of Navigation, 437.
Night attack, future, 911, 1263.
Nominations and Confirmations, see Congress.
Non-Coms.: More frequent publication of lists, 7; pay, 1171; see Sergeants under various depts.
North Dakota, U.S.S., wins boat race, 864.
Norfolk anniversary, 1008.
Norway Nat. Hist. Museum, 272.
Norwich University, history, 912.
OBITUARIES:
Alger, 822, 984; Allderice, 152; Allen, 649, 726; Amory, 374; Anglum, 566; Bagg, 183; Bagg, 1494; Beck, 406; Belde, 1527; Benjamin, 471; Bertolotto, 661, 662, 736, 758; Bishop, 1142; Black, 439; Bowyer, 918; Brice, 566; Bridgman, 1078, 1111; Brown, 662; Budd, 1046; Buhner, A. 214; Bullock, W. L., 1494, 1558; Butt, 1056, 1075, 1078, 1105, 1112, 1144, 1333; Caley, 567; Carey, 983; Carr, 214, 279; Carter, 1015; Chamberlain, 1015; Chapman, 503, 534, 566; Coffin, 1558; Colville, 1655; Cortelyou, 1302; Corning, 886, 918; Crampton, 1046; Crissey, 790; Cronin, 1622; Cushman, 1438; Dallam, 983, 1046; De Courcy, 951; Dexter, 279; Dowdy, 983; Duffield, 1463; Duggan, 1207; Duncan, 1167, 1174, 1207; Dutton, 567; Enos, 1591; Evans, 566, 574; Everett, 1302, 1334; Ewers, 630; Farley, 1014, 1076; Fletcher, 1622; Foster, 726; Garrett, 36; Goodspeed, 631, 662; Gow, 855; Grant, F. D., 1014, 1046, 1075, 1077, 1078, 1092, 1137; Greenleaf, 36, 93, 97; Greenough, 1366; Grierson, 163; Hardy, 1111; Harlan, 585, 806; Hathaway, 1526; Hay, 374, 406, 439; Hays, 1591, 1655; Hazlehurst, 1302, 1334; Heilner, 662; Hinman, 1622; Hodges, 534; Fovey, 124, 406, 533, 544; Impey, 854; Jones, 1494; Kendall, 758, 790; Koerper, 598, 630; Lamberton, 1302; Lawrance, 630, Lee, 1271; Lisle, 279; Lissak, 1238; Lowell, 726; Lynch, 183, 214; Lyon, 67; McClure, 694; McDonald, 1111; McMillan, 504, 535; Marshall, 832; Matthews, 67, 123, 181; Meville, 913, 918, 950, 1295; Montague, 726; Moore, 886; Morgan, 97; Mosher, 503, 535; Motlow, 278; Newman, 1591; Nicholson, 311; O'Brien, 1046; Olmsted, 598; Ord, 919; Parker, 471;

Teich, S. B., 439.
as, 32.
Co-
pro-
S.N.,
32.
vice,
108;
(A.)
ities,
ex-
mis-
Army
696;
ities,
city,
693,
395,
301,
uni-
uni-
vs.
as
for
bids
light,
pion-
tion
hip-
very
A.C.,
ont
for
6;
rifle
prob-
net,
Cas-
550;
(see
his-
77;
rby,
38;
ver,
39;
stol
39;
rder
ills,
ells,
ock
02;
less
276,
ent,
Mc-
551,
89,
mip-
tio-
bio-
343
ern
61;
of
ed
of
U.S.
lects,
De
31;
and
and
of
gas
985;
35;
33;
nds,
1560;
ers
shs.
ine,
ine,
ene,
ene,
000,
92;
99,
99;
ing
ing
17;
for,
43;
ies,
70,
rist
ade
aty
to
to
tte,
32;
48;
uty,
om-

mission, 629, 928; see Congress; see Longevity.
Pay Corps, Navy: Amalgamation, 381, 437, 469, 501; appointments to, 1493, 1653; exams., 1564; waiving age limit, 949.
Pay Department: Cost of disbursements, 815; exams. asst. paymr., 288; pay clerks' retirement, 318 (see Army bill); Smith's proposition of financial dept., 1117.
Paymaster clerks, apptmt. of, 159.
Peace: Agents of, 883; arbitration and human nature, 189; arbitration treaty ratification meeting disturbance, 496; "armament trust," 1564; armies and fire insurance, 1263; Army, conservator, 1521; Bigelow, J. on P., 178; Carnegie endowment year book, 1487; Carnegie fund, Dr. Eliot reports on foreign trip, 1525, 1551, 1566; Carnegie internat. paper, 59; cartoon "Hague Peace Palace," 175; centenary, England-U.S., 1136, 1551; Church factions and "arbitration," 271; conflict and progress, 1007; "deserted P. palace," 284; do the arts make for P., 944; dream of perpetual P., 720; Edison on P., 464; eras of military retrenchment, 463; Gaynor on P. prospects, 720; hindsight and foresight, 1204; Holt and Hobson, 701, 728; insurance of P., 720; internat. P. forum, 120; mil. expenditures and nat. wealth, 303; moralizing by N.Y. Mail, 303, 317; new governments' troubles, 181; P. accidents really murders, 1231; peace movements and wars, 188; Peace Soc., N.Y., annual feast, 688; perils of peace, 367; public school rifle practice and militarism, 399; socialism and P., 377; talk P. but prepare for war, 847; territorial aggression, 1199; war preparation preventing war, 119; "White House" letter, 120. See Arbitration; Peary on icebergs and searchlights, 1086; see Icebergs.
Pennsylvania Constabulary, 1072.
Penna. Mil. College, 1365.
Pensacola, U.S.S., from list, 480.
Pensions, civil, 817.
Perry, Camp, see Rifle shooting.
Perry made fuss and feathers count, 1234.
Pershing and Moro province, 1589.
Pershing promotion (Sun), 560.
Pershing's ride, 1203.
Persia: Shuster and Russia, 469, 559, 571, 661.
PHILIPPINES:
Aeroplane for use in, 317; Army Club at Baguio, 1141; Army maneuvers, 792, 921; Army measures vindicated, 348; athletics, 900; athletic and natives, 1332; Baguio railroad, 1328; Baguio school for boys, 1200, 1525; bandit hanged, 1045; baseball, Army vs. Japan, 1072; beautiful Moro Army post, 370; bogus martyrs, 943; Bud-Dajo, 816, 818; campaign badges, 562; capacity for self-govt., 1519; cement construction, 981; Civil Service, 93; conditions (Heistand), 337; conditions (Philipp. Comm.), 831; Constabulary described, 1039; cost of govt., 565, 668; cost of occupation, 1502; disease prevention, 1450; Edwards on, 414, 572; fire in Manila, 277; firefighting, 469; fodder, 336; forage, 154, 720, 881; garrisoning, 989; Hovey at Basilan fight, 544, 1104 (see Obituaries); independence, 957, 1117; independence secondary to industrial improvement, 208; influence of Volunteers, 240; life in, 530; Luzon maneuvers, Regulars and Scouts, 189, 1042; Manila horse show, 181; Manila war infection, 885; medals of honor awarded, 1653; Moro province, 1044; Moro province, 631; Moro province, 1044; Moro province, 1072; Moro province, Zamboanga, 242, 308; Moros as smugglers, 4; Moros, development, 1296; Moros' exhibits at fair, 925; Moros not allies of Filipinos, 1200; Moros' pacification and disarmament, 181; 336, 339, 341, 465, 473, 501, 533, 559, 569, 597, 623, 857, 858, 911, 917; notes, 371; Otoy, bandit, taken, 181; Otoy killed, 341; peace in Sululand, 1620; permanent regts. and esprit de corps, 1012; Pershing's ride, 1203; Phil. progress a justification, U.S. 1199; political, 688; potato culture failure, 272; problem but partially worked out, 1199; rats, plague, opium habit, 239; reducing force in, 70; resources, 977; roadways, 975; sanitation advances, 912, 1136, 1167, 1648; Scout commissions, 728; Scouts a corps d'elite, 817, 1167, 1175; self-sustaining, 565, 668; selling the, 175; separation of Moros suggested, 1616; Taal eruption, 373; tour fixed at 2 1/2 years, 253; tour, three years, 1264; troops available for China, 383; tropical diseases, 1269; typhoid, 720; Visayas, Dept., abolished, 1301, 1403; wine drinking for soldiers, 1648; wireless board recommendations, 123, 789; wireless in, 789; woman's opinion, 564.
Physical tests, 6, 1520, 1624; absurdities, 189; by playing golf, 181; Grant's heart failure, 1135, 1232; modifications, Navy, 285, 288.
Pie eaters at Fort Niagara, 571.
Pie Camp maneuver lands, 1109.
Pistol shooting, good, 266.
Poetry, 126, 180, 217, 340, 658, 692, 818, 1076, 1204, 1234, 1236, 1364, 1430, 1555, 1652.
Polo: Army origin, 1526; Denver, 1460; Fort Myer, 1368, 1398, 1437, 1462; Fort Sam Houston, 45, 154, 344, 921, 1119; Hawaii, 141, 307; Narragansett Pier, 1494, 1526, 1560; Norwich vs. W.P., 1232; Philippines, 661; Potomac Park and pay, 1525; West Point vs. N.G.N.Y., 1333.
Porto Rico, progress, 341.
Porto Rico Regt. Inf.: Commander, 1621; quarters, 1424.
Post coms. sergts., see Subsistence.
Post Q.M. sergts., see Q.M.D.
Post exchange management, 4, 469.
Powder, see Ordnance.
Premature burials, 45.
President's power of revocation, 895.
President, U.S., states from which, 95.
Producers and non-producers, 540, 571.
Projects, see Ordnance.
Promotion: Eight of favoritism (Hart), 1343; by efficiency, 6, 119; chaplains to major, 245; Civil Service rule for (Hart), 1343; consolidated line, 6, 33, 64, 131, 150, 180, 212, 309, 372, 409, 479, 531, 532, 563 (see Letters to Editor); delayed by Rutherford case, 43, 103, 129, 131, 189; general officers, 1373 (see Officers' vacancies); Inf. and Cav. held up, 1653; Med. Corps, 1489, 1555; Navy Constr. Corps, 800; President's prerogative, 1402; scheme for Army lieuts., 1489; selection, 1521.
Promotions and retirements, 8, 36, 43, 66, 96, 103, 124, 129, 131, 152, 182, 189, 222, 246, 278, 310, 342, 374, 406, 438, 470, 502, 534, 630, 662, 694, 725, 726, 758, 760, 790, 821, 854, 861, 886, 918, 949, 950, 982, 1010, 1046, 1078, 1174, 1206, 1213, 1238, 1270, 1302, 1334, 1374, 1396, 1462, 1526, 1558, 1590, 1622, 1654.
Provisional regt., see Infantry.
Publications, recent, 33, 61, 150, 217, 242, 275, 371, 531, 562, 628, 658, 688, 888, 915, 958, 977, 1075, 1200, 1234, 1264, 1265, 1266, 1299, 1331, 1360, 1398, 1457, 1490, 1491, 1554, 1652; Torpedo, paper of Atlantic Torpedo Fleet, 120, 134.
Punishment of soldiers and sailors, 1071.
Puritan, U.S.S., 106.

Quartermaster's Department: Army supply depot, San Francisco, 565; auto trucks and transportation tests, 103, 245, 399, 441, 1011, 1047, 1072, 1493; barracks and quarters appropriations, 381; bedding a baggage excess, 1557; buffalo overcoat sale, 92, 123; construction of detached houses, 656; lightning rods and Army bldgs., 1427; new equipment issues, 73; officers' quarters cost, 656; passenger rates, 508; post Q.M. sergts. eligibles aplenty, 220; post Q.M. sergts. list, 1524; Q.M. clerk charges against Capt. Stone, 952; Q.M. Corps, 1279 (see Army bill—Congress); reduce tent no. in field service, 1461; rented buildings, S.F., 464; replacing clerks by enl. men, 499, 501 (see Army bill); reports, 1301; title for supply dept., 532.
Racial prejudices, 60, 273.
Railroad and corporation control by Govt., 656.
Railway statistics, 1365.
Rain: Gunfiring and, 1491.
Rank, official, of Army officers, 1106.
Ray case, 405, 760, 799, 822, 895, 927, 1598, 1663.
Recruiting: Advertising agent for, 1232 (see Navy bill); Army, 1656; Buffalo Bill's proposition, 195; colorists to command important barracks, 7, 65; discipline vs. personality, 436; expenses, some unnecessary, 532; for Navy, Med. officers fitted, 1135; honest, Navy, 1488; improved methods, 1556; med. officers at stations, 1500; Navy, 1237, 1309, 1343, 1568; new system, Army, 1173; officers and service with troops, 948; officers' shortcomings, 380.
Recruits (Navy) new training, 1021.
Red Cross internat. conference, 1109, 1141, 1176.
Red Cross prize competitions, 569.
Red Cross regts., 1309.
Reed-Emmes case, 99, 885.
Relics of a naval hero, sale, 409.
Republican Convention and A. and N., 1342.
Reserve fleets, Atl. and Pac., 851.
Resignations: Banch, 181; Bates, 181; Bird-sall, 351; Braden, 855; Brooks, 662; Browne, 181; Clark, 1495; Cohen, 856; Coleman, 35; Combs, 192, 224; Conger, 599; Cook, 10; Dallas, 192, 599; Danenhower, 472; Denning, 1427; Diman, 192; Doudered, 501; Dvorak, 885; Ellington, 311; Evans, 480, 629; Everhart, 480; Flynn, 662; Gillespie, 1335; Greer, 1528; Hayes, 855; Hitchcock, 1495; Kean, 1304; Kite, 181; Klemm, 10; Knerr, 224; Knott, 181; Lagerquist, 37; Leary, 887; Leidel, 504; Long, 727; Maupin, 789, 823, 887; McIntyre, 599; Merriam, 147; Moon, 469; Nixon, 856; Pendleton, 17; Pierce, 17; Pitcher, 662; Quillian, 885; Rumbough, 8, 35; Sanborn, 68; Seabright, 181; Sinclair, 1367; Smith, R. C., 77, 95, 132; Smith, Walter, 17; Stark, L. C., 343; Stoe, 125; Stryker, 885; Torney, 823; Wilste, 1120.
Resignations to enter civil pursuits, 815.
Retired list, cost, 914.
Retired officers, residences, 1206.
Retirement age, A. and N., explained, 1021.
Retirement at 25 years, 1171.
Retirement, compulsory, 1471.
Retirement for age, 1456.
Retirement for civil clerks, 436.
Retirement voluntary, in Navy, 1107.
Retirements: Ainsworth, 757, 764, 766, 797, 815; Allison, 1302; Ames, 1558; Anderson, 1269, 1333, 1590; Bagge, 374; Ball, 1396; Barker, 1302; Barnes, 1396; Battles, 1175; Beall, 1206; Beers, 918; Bitler, 1396; Bloom, 222; Blunt, 1334, 1374; Bowman, 1046; Bowyer, 96; Brand, 1174; Brooks, 902; Brown, W., 1396; Brown, E. T., 8; Bruns, 1110; Buchanan, 1396; Burnham, 8; Burt, 288; Cabell, 1270; Campbell, 342; Casey, 310, 830; Conklin, 1206, 1238, 1334; Craven, 1396; Cunningham, 406, 866; Davis, 1046, 1526; Day, 406, 758; Deems, 438; Deubery, 152; Dunn, 95; Dyer, 1238; Edgar, 1334; Edwards, 438; Eslick, 502; Evans, 726, 1238; Fahs, 1396; Fitch, 1334; Flynn, 1078; Gardner, G. E., 1462; Gardner, J. H., 1334; Garity, 222; Goldman, H. J., 982, 1374; Goldman, J. B., 1320; Taylor, 594; Hackney, 1206; Hall, 1238; Harber, 96; Harlow, 1046; Harris, 66; Hayes, 1396; Henderson, 1396; Hersher, 1462; Hoes, 758; Hoff, 950; Hughes, 1396; Jackson, 1206; James, 1396; Jones, 790; Key, 1396, 1462; Klyce, 820; Landis, 1046; Lawton, 8, 246; Leeds, 1270; Leonard, 95, 162, 182; Lundeen, 820; Lynch, C. M., 438; Lynch, J. R., 36; McNabb, 950; Madden, 950; Maney, 408; Marshall, 142; Mason, 374; May, 342; McCall, 1270; Miller, M. L., 1396; Miller, W. G., 1396; Moore, 982, 1174, 1270; Morrison, 66; Nance, 1110, 1654; Newcomb, 66, 124; Oursler, 886; Parker, 1396; Patterson, 9, 438; Pitcher, 250; Potter, 1110; Price, 1396; Purcell, 778; Reeves, 182; Reynolds, 820; Rikeman, 374; Roach, 152; Rodgers, 470; Rogier, 982; Ruhlen, 96; Rust, 1396; Ruthers, 374, 406; Salisbury, 1396; Sargent, 342; Signor, 1396; Simpson, 40; Stamford, 1558; Staunton, 1238, 1270, 1374; Sullivan, 374; Taylor, J. L., 820; Taylor, W. S., 1396; Terrett, 406, 918; Thomas, 1046; Thompson, 630; Tillman, 152; Trippie, 1174; Turner, 886; Vanderhoff, 438; Venable, 470; Wainwright, 470; Walker, 1396; Ward, 66, 182; Wells, 36; Wheeler, 124; Whipple, 726; Whitten, 246; Winn, 246; Wogan, 502; Woodward, 95, 98, 630; Yates, 1260; Zane, 1622.
Retirements for age in 1912, 369.
Retirements, Navy (1912), 888.
Retiring board and minority reports, 732.
Reuterahl: If we have to fight, 404.
Revenue Cutter Service: Amalgamate with Navy, 629, 636, 687, 988, 991; assistance of distressed vessels, 60; equipping with guns, 701; expenses, 464; fleet reorganization, 349; historical, 928; increase fighting capabilities, 221; notes and orders, 19, 47, 77, 107, 134, 162, 163, 192, 193, 225, 256, 289, 320, 353, 385, 416, 449, 481, 513, 545, 577, 609, 641, 673, 705, 737, 769, 801, 832, 871, 897, 929, 961, 993, 1024, 1057, 1141, 1153, 1185, 1217, 1249, 1281, 1313, 1328, 1344, 1376, 1407, 1439, 1472, 1473, 1505, 1535, 1536, 1569, 1601, 1633, 1665; praise, 690, 1600; records of rescue work, 336.
Revolution, "First Amer. Civil War," 528, 1008.
Revolutionary War: Our Navy in, 753.
Rifle Shooting: Assoc. Amer. Internat. Rifle-men, 1616; Blauvelt (N.Y.), 136; Camp Perry, 463, 533, 669, 1461; Canadian record, 1456; D.C., 1469; clubs training for war, 92; encouragement of rifle practice, 752; intercollegiate championships, 949; international shoots, 664, 725, 753, 764, 787, 821, 912, 949, 981, 1013, 1077, 1120, 1232, 1237, 1399, 1493; Internat. Union Rifle-men's Assoc., 1519, 1656; interpost U.S. M.C., 960; interscholastic, 1168; Marine Corps at Winthrop, 35, 75, 105, 991; midshipmen win, 1170, 1208; N.B.R.P.R., report, 463, 1141; national matches, none this year, 917, 981; N.R.A. annual meeting, 508, 600; N.R.A. teams, 753, 764, 787, 821, 847; Navy, 896; New England Mil. Rifle

Assoc., 1331; N.J. State Rifle Assoc., 978; new system practice, 991; Ninth Cav. Rifle Club, 661; Olympic, 121, 1173, 1212, 1399, 1405, 1427, 1455, 1462, 1552, 1554, 1557, 1584; Pan-American matches, 1042, 1052, 1232, 1237, 1269, 1399, 1525, 1621; Panama competition, 1013; rifle sights, 810; San Diego range value, 92; Sea Girt, 50, 81, 1330, 1392, 1616, 1647, 1662; Sparta, 669; Sundays in England, 847, 944, 1008; Wake-field, Mass., 161, 912, 1624.
Riley, Ft., dynamiting case, 479, 503.
Riot duty, troops on, 831, 1487.
Rivers and Harbors, expenditures, 1039.
Robinson, Gen. J. C., 372.
Rockets as sea signals, 1137.
Rolling of ships, overcoming, 306, 778, 960.
Roosevelt, Theo.: Arbitration treaty, 35; father of modern Navy, 1204; how U.S. acquired right to dig P. Canal, 176; Navy and Panama tolls, 1566.
Russia(n): Cavalry at London horse show, 147; Duma's work, 1488; Far East, 1298; menace, 1393; passports, 508, 568; reorganization of service, 597; ride for Cav. and F.A., 1109; see Foreign.
Russo-Jap. War: Japanese history, 914; use of sand bags, 1105.
Sabbath in Navy, 46.
Sabbath laws and troop movements, 43.
Saddles, a poem, 818.
Safety at sea, 1330, 1333 (see Titanic).
Saginaw's last cruise, 914.
Sailor's hornpipe, 203.
Saloons and Army posts, 370 (see Canteen).
San Houston, Fort, enlargement, 240, 245.
Sand bags for defense, 1105.
San Domingo: Affairs, 1493, 1551; President killed, 373.
San Marcos, U.S.S., stricken from list, 181.
Scherer, letter to John Temple Graves, 161.
Schley relics, 319.
Schofield Barracks chapel, 1524.
Schools: Connecticut Agr. College encampment, 1168; for officers, 1172; ignorance of grads., public, 464; international suggested, 1167; proportion grads., 465 (see Service).
Scientific shop management, 60, 73, 159, 176, 277, 413 (see Ordnance and Navy yds.).
Scorpion, U.S.S., troubles, 373.
Scott, Fort, described, 1520.
Sea Scouts (Boy Sc.), 1619.
Sea Girt, see Rifle shooting.
Searching for lost son, 532.
Searchlights, 1086, 1514 (see Titanic).
Seats (boat), for rafts, 1578.
Second Lieutenants: Apptmts. from Navy and colleges, 242, 245; assignments, 434, 666, 1497, 1535, 1592; candidates hearing faculty, 120; Corps of Engineers, exams., 159, 533, 623, 949, 1333; enl. men, successful, 1080, 1488; exams. civil candidates, 197, 623; extra exams., 14, 65; grads., civilians and enl. men, 1108; Marine Corps, vacancies and exams., 892, 917, 1013, 1308, 1435, 1500, 1597, 1600, 1664; objections to requirements for commissions, 180; Phil. Scouts exams., 373, 728, 1653; small no. civilians for exam., 317, 399; successful civilians, 415, 505, 1055, 1075; vacancies, 159, 285, 597, 1244, 1435.
Secretary of the Navy: Navy officer for post, 599; see Meyer.
Secretary of War, see Stimson.
Semaphore, four-arm, 692, 1076.
Sergeant, Hanly and the Army mule, 1331.
Sergeant majors, jr. grade, 435.
Sergeants' clubs, 1332, 1424.
Servants' bath and laundry, 724.
Service Calls, words, 126, 180, 1234, 1430, 1524.
Service Co-op. Co., 787, 853, 1202, 1431.
Service Schools: Coast Art. Schl., opening date, 1435; corresp. course for N.G., 1615; erroneous impressions, 1427; grads., Sig. School, 1420; more field officers to Riley, 1395; M.S.S. classbook, 1013, 1363; M.S.S. staff, 504; period of detail, 131 (see Army bill); School of Fire, 828, 1144; School of the Line, grads., 1360; School of Musketry, 467.
Shaler, Gen. Alex., 534, 566.
Shall and will, 92.
Sheridan, Gen., and Chicago fire, 191.
Sheridan, Phil. origin, 886, 978, 1012.
Sherman, W. T.: Opinions (Civil War), 61; professor of history, 594.
Shoe heel, Capt. Sims, 624.
Shoe, Infantry, new, 885, 1395, 1496, 1501.
Shooting: Rifle, see Rifle shooting; trap, 87.
Shop management, systematizing, 60, 73, 159, 176, 277, 280, 373, 661, 882, 894.
Shuster, see Persia.
Siam: Coronation king, 1264; Military Academy, 1264.
Signal Corps: Army control of telegraph, 632; Aviation School, Georgia, 440, 479, 504, 530, 571, 596, 623, 664, 703, 724, 754, 786, 819, 850, 886, 928, 947, 958, 1022, 1076; difficult to rescue aviators, 796; efficiency reports, 11; electric service in war (Squier), 568; exams., 1461; Master sig. electrs., 127, 1170; Myer code, abolition, 437, 572; regulations telegr. and wireless, 924; revision telegr. co., regts., 725; selection of det. to Sig. School, 757; sergts., 1st class, 127, 1170; Squier's "multiple" brochure, 7; telescopic masts, 846; tribute by Gen. Carter, 533; vacancies, 796.
Signaling by sun ray, 63.
Silencer, Moore, 1331, 1363.
Silencer tests, 120, 1331.
Single list, see Consolidated Promotion.
Skunk, 884.
Sec. Knox visits South Amer., 885.
Sleeping outdoors, 1546.
Shoemakers, sketch, 340.
Small-Arms Firing Manual, revision, 597, 828.
Small-Arms Firing Regs., 701.
Smokeless powder, see Ordnance.
Smokers (non) and hikes, 276.
Socialism: Army and Navy and (Berger), 495; peace and, 377; under which flag, 436.
Societies: Aero Club of America, 343; Amer. Seamen's Friend, 624, 880; Army and Navy Club—Chicago, 599, 920, Manila, 821, N.Y., 309, 1237; San Francisco, 68, 223, 530, Wash., D.C., 245, 533, 640, 857, 1141, 1592; Army and Navy Union, 77, 210, 368, 465, 480, 917; Army Co-op. Fire Assoc., 496; Army League organized, 991, 1007; Army Mutual Aid, 1055, 1365; Army of the Potomac, 279; Army Relief—Ft. Myer, 339, 414, Madison Bks. tournament 21, New York 663, 848, 1079, report 1422; Army Remount Assoc., 798; Assoc. Med. Res. Corps, 1112; Aztec Club, 310; Carabao (Wash.), 255, 433, 441, 502; Comd. Off. Assoc., N.G. and N.M., N.Y., 881, 920; D.A.A., 312; Daughters of Cincinnati, 722; Daughters of the Loyal Legion, 757; Fort Russell Med. Soc., 287; G.A.R., 9; Grant Monument Assoc., 846; Internat. Conf. on People's Baths and School Baths, 592; Mil. Acad. Grads. Assoc., 1078; Mil. Order Dragon, 1557; M.O.L.L.U.S., 38, 153, 155, 248, 376, 597, 816, 1264; Mil. Service Institution, 633, 668, 690; Military Surgeons, 127; Modern Historic Records Assoc., 272; Nat. Collegiate Athl. Assoc., 213; Nat. Defense and Peace League, 7, 31; Nat. Rifle Assoc., 508, 600 (see Rifle Shooting); N.

and M. Order, Sp.-A. War, 947, 1144, 1239; Naval Architects, 248, 309, 337, 338, 350; Naval History Society, 151, 473, 640, 977, 1398, 1648; Navy Athl. Assoc., 1043; Navy League, 256, 465, 501, 533, 592, 640, 690, 720, 789, 799, 822, 976, 1427; Navy Relief, 672, 917, 1011; N.Y. Peace Soc., 688; Order of Indian Wars, 951; Pan-Amer. Soc. of U.S., 977; Patriotic Instructors Assoc., 757; Patriotic Order of Guildmen, 126; Promoting Efficiency, 924; Seventh Regt. Assoc., L.L., 38; Signal Corps Camp, U.S. W.V., 985; Soc. Amer. Officers, 823; Soc. Colonial Wars, 368; Soc. of Sponsors, U.S. N., 824; Soc. of the Cincinnati, 881; Soldiers, Sailors and Marines, 371, 440, 496; Squadron A Club, N.Y., 68; United Confed. Vets., 1460; United Sp. War Veterans, 37, 399, 1077, 1460; U.S. Cav. Assoc., 792; U.S.N. Alumni, 688; Wash. Branch Cav. Assoc., 821; Women's A. and N. League, 947.
Solace, hospital ship, 92.
Soldiers as fire fighters, 497.
Soldiers at play, 1431.
Soldier's dream, a poem, 1076.
Soldiers' homes, management, 437.
Soldiers' part in civilization, 273.
Song publishers, a warning, 881.
South America: Army officers (U.S.) as instructors, 1181, 1597; emigration to, 1648; Future of Peru and Ecuador, 1525; German officers as instructors, 847; military attachés, 341.
Southern life, antebellum, 1522.
Spanish-American War: Chadwick on, 61, 149, 175, 723, 1138; Chickamauga conditions, 1200; El Caney blockhouse, 409; first shot at San Juan, 340; Luce, 149; Navy during, 1233; Schley-Sampson (Chadwick), 1309; valor of ignorance illustrated, 1138; vessels, raising, 175, 189; veterans' plea, 1424; Weyler in his own defense, 1169.
Special and extra duty, 1240.
Speedometer, White's, 373.
Spirit of the Service, 1087.
Spirit of the Soldier (Jap.), 33.
Sprague, F. J., sketch, 240.
Spying, punishment for, 565, 661, 753.
Star-Spangled Banner, see Nat. Anthem.
Steamer lanes and ice drift, 1074.
Steinberg: Poem, Voice from the border, 217.
Stimson, Sec. War: Inspection trips, 240, 245, 1597; interest in Army affairs, 285; objections to Hay bill, 606, 670; on assignment of officers to command, 445; opinions, 594; troubles, 1013.
Submarines: Dangers from gases, 304; engineering trophy, 161; names changed, 384, 464; safety devices, 1120; subm., battle-ships and cruisers, 77; submergence record, 256; survey and efficiency, 188; system of attack against, 469.
Subsistence: Auto-intoxication and ration, 1420; bread baking, 1628; cactus as food, 203; cheese as article of diet, 1066; difficulties at Fort Mott, 1232; Coms. sergts., exams., 1077; drinking water treatment, 61, 245; field bakery exhibit, 1148; field kitchen, 1360; field range attachment, 1013; four-pound loaf, 853; "mess officer's asst.", 336; naval exhibit, N.Y. Pure Food Show, 126; post coms. sergts. list, 194, 1362; ration and cost of living, 208, 656, 1324; Trenchard soup, 533; rejected meat, U.S.N., 1205; weight of field bread, 818.
"Suicide," use of term, 1136, 1264.
Summer, Gen., sketch, 1268.
Sun, N.Y., sale, a chapter of history, 529.
Sunday baseball and rifle practice, 1437.
Supply Corps clerkships, 499, 501 (see Army bill); title for, 532, 564.
Swimming, teaching, 123.
Swiss soldier, polishing up a, 6.
Taft, President: Accepts renomination, 1525; against Hay bill to increase enl. term, 189, 190, 511; aid, 1109; Filipino barber, 123; message on Army and Navy, 511; Mexico and foreign relations, 437, 447; most-traveled president, 59; New Year's reception, 540, 567; producers and non-producers, 540; represented by aid at funerals, 213; Texas maneuvers, 445; visits Puget Sound and other stations, 181, 217.
Target practice: Armor tests and target practice, 130; Atlantic fleet, 7, 73, 671, 687, 819, 885, 1116, 1184, 1374, 1468, 1504, 1599, 1629; battle practice, fleet, 1116, 1184, 1468, 1504, 1599, 1629; C.A.C. (112th), 1493; dummy village for Field Art., 1398; enunciator buzzer system, 623; Fort Stevens, 12-in. mortars, 10; Fort Totten and the natives, 496; Hollifield torpedo practice road, 203; Honolulu, 1589; Katsudain at target, 1664; moving pictures, 733; moving target, 1044; Navy gunnery, 1072, 1504; Navy rules, 475; Navy target shooting, 671, 687, 819, 885, 1374; new director, 437; Newport objects, 1040; night firing, 1263; range on Pacific coast, 725; rules, 381, 475, 1149; San Marcos, 17, 73, 368, 917, 1664; self-scoring target efficient, 32; sighting in Army target for, 1555; torpedo practice fleet, 1280, 1309, 1437, 1504; without lead bullets, 693.
Taylor: System of shop management, 60, 73, 159, 176, 277, 280, 373, 661, 882, 894.
Telegraph, Army control, 632.
Telegraph code, 1616.
Telescope sight (Fiske), 1360.
Temperance and "treating," 207.
Tents: Pyramidal wall, 1493; reduce number, 1461.
Tests: Armor, 130, 1

- 1045, 1264, 1269, 1427, 1461, 1519, 1583; cost, 1455; European status, 367; Italian point of view, 527; nature helps Turks, 1151; Navy officer on Tripolitan war, 499; power of pan-Islamism, 541; scenes at Tripoli, 370; soldiers' part in civilization, 273; Straus on, 213; Turks born soldiers, 335; war in Tripoli, 1011, 1013, 1151.
- Turkey: Albania insurgents, 1656; battleships, 1583; commercial opportunities, 1456; future of (Ramsay), 223; lack of navy, 213; U.S. and Armenian incident, 495; ups and downs of diplomacy, 1135; Young Turks and Government affairs, 1551; see Turco-Ital. war.
- Turret, Timby's claim, 18, 181; see Monitor.
- Typhoid: Army, 317; carriers, 1136; cost to nation, 91.
- Typhoid vaccination: 656, 720, 1136², 1298, 1488; Chr. Science and, 1536; compulsory 7, 1536; history, 592; results, 76, 275, 317, 527, 574, 591, 976.
- Uniform: Aiguillette decision, 341; aiguillettes, 479; "aiguillettes for all," 150, 212; aiguillettes for staff officers, 308; appeal to reason, 436; cape, 852; changes, 435, 564; changes, folly, 65, 304; chaplains, U.S.A., 1621, 1624; contracts for woolen cloth, 35; convenient shirt, 372; discrimination at Norfolk, 35; fabrics, Q.M. book, 796; forestry cloth experiments, 1468; Grant, U. S., and, 1264; helmet for tropics, 946; issues of new, 147; leggings and sabers, 34; low cost of enl. man's clothes, 1427; Marine Corps changes, 373, 399, 435, 1109, 1136; marking of naval, 1372; more conservatism, 413; Navy changes, 352, 917, 1013, 1149, 1201, 1341, 1493, 1557, 1610; new campaign hat, 35, 1199; new olive drab shirt, 103; N.Y. law against discrimination, 14; officers' requirements, 1012; olive drab issues, 604; Philippines, 155; proud (!) to wear, 532; question, 473; Red Cross Congress, 1145; regulations, new, 103, 285, 373, 445, 477, 499, 500, 509, 565, 581, 668, 671, 788; respect for, 76, 437, 559, 629; Service U. for motor cycle squad, 1616; shoe, new, 885, 1395, 1496, 1501; simplification, 1236, 1332; too many clothes for lean purses, 571; uniformnormity, 435.
- Union Jack, origin, 34.
- Universal mil. service, 207, 271², 273.
- University, National, need of (Satterlee), 879.
- Unsinkable vessel, how to build, 1073, 1301, 1650.
- Utah, U.S.S.: Acceptance trial, 828, 863; popular ship, 352; silver service, 208, 319, 405.
- Vaccination, see Typhoid.
- Van Schaick, in Mindoro, 1560.
- Venezuela: Army reorg., 341; dispute and mil. cadets, 1077.
- Vermont, military matters in, 154.
- Veterinarians: Commissioning, 34, 212; low rank in U.S.A., 656.
- Vice admiral rank, 700.
- Vignette, 436.
- Virginia Mil. Institute in Civil War, 755, 852.
- Volunteer band (poem), 1236.
- Volunteers: At San Juan, 1008; generals of, to retire, 436; in comparison with N.G. in war, 1167; Regular soldier as leader, 368.
- Volunteers of America: Christmas plea, 405.
- Vote, rights of soldier, 340.
- Walking, N.Y. to San Francisco (Walsh), 1013.
- War: Ancient and modern, 1457; by-play in, 1586; casualties of, 1459; cause (Gilman), 147; heroes and civil life heroes, 309; instrument of civilization, 1075; is hell, 1420; modern, 305; Nome, Alaska, 252; of 1812, warning, 1459, 1524; peace moralizings of N.Y. Mail, 317; philosophy of (Johnson), 1528; preparations preventing war, 119; re-ports, false, 151; war taxes and, 1652; workingmen and, 3, 59; see Peace.
- War Department: Att. Gen. on rights of way over mil. reservations, 65; business methods, 504, 664; cost of handling mail, 664; decisions, 45, 74, 133, 151, 190, 224, 245, 249, 277, 312, 341, 432, 464, 504, 535², 565, 629, 664, 821, 917, 1109, 1269², 1328², 1656; digest opinions, J.A.G., 1085; harmony in, 917; pensions and military service data, 892; questions before, 317.
- War dogs, East and West (Leslie's), 120.
- Ward, Rear Admiral, dinner to, 1568.
- Warning from history (War 1812), 1459.
- Warrant carpenter, exam., 1498.
- Warrant rank for Army, 948 (see Congress).
- Warren, Senator, 1621.
- Warships: Anti-rolling device, 306, 778; armament, 1419; building in 1911, 692; double hull, 1568; improvement in motive power, 1648; naming of, 944; Pittsburgh, new name for former Pennsylvania, 1653; question of size, 1231; tonnage of the Powers, 402; world's fleets, 1492; see Battleships, Navies.
- Washington, Geo.: Anecdote, 880; deficiencies as a soldier, 273; Morgan's Virginians, 399; requirements for officers, 542.
- Watchdogs of the Rio Grande, 1492.
- Water drinking in tropics, 61, 1648.
- Watrous, thankful, 464.
- Waves, height and force, 306.
- Wealth of the nations, 1199.
- Weapons, N.Y. law and, 65.
- Webb, Gen. A. S., sketch, 436.
- Weed, Gen. H., sketch, 1431.
- Welles, G., war diary, 209, 561.
- Welsh rabbit, 1008.
- Weyler in his own defense, 1169.
- Wheeler, H. W., tribute, 212, 312.
- Who are the charlatans, 1330.
- Whipping in the Services, 306, 852.
- Whistler: Cadet, 1139; family, 62.
- White, Sir George S., death, 1420.
- Whitehead torpedo, 1235.
- Wild life and the pump gun, 1040.
- Wilkes's Antarctic discoveries, 1394.
- Wireless: Arlington, Va., 102; Army Sig. Corps outfit, 1109; British world stations, 1365; Chinese, 1552; Colon to Leavenworth and Newport, 245, 285; controlling, 543; from aeroplane, 1557; Govt. control, 574; international conference, 336, 1109, 1141; long distance, 736; naval, 240, 350, 637, 732, 847, 1086; packs, 1461; Philippines, recommendations, 123, 789; San Francisco and Honolulu, 1519; Signal Corps work, 95; Squier's system, 757, 1043; tests, Pacific coast, 725; what is truth about, 1236; see Navy bill.
- Wisner, Col. John P., tribute, 1140.
- Wolseley and Lee, 1267.
- Woman's A. and N. League, 947.
- Woman's Christian Temperance Union: Canteen question, see Canteen; comfort bags to Navy, 162.
- Wood, Major Gen. Leonard: Acts as Sec. War, 1661; addresses Harvard grads., 1585; college degrees, 1420; French maneuvers, 1589; German maneuvers, 1589; Hay bill, 693 (see Army bill); N.G. Assoc., 103; personality, 786, 1205; weakness of Army, 751.
- Wool, facts about, 1464.
- Yankee, U.S.S., raising, 416, 736.
- Yellow fever, 629, 672, 693, 821, 917, 1008 (see Obituary Bertelette).
- Yellow peril, 1624.
- Yellowstone Park, march through, 1560.
- Young, Lucien, Courier-Journal on, 880.
- Young Men's Christian Association: Building in Manila, 444; Brooklyn, Navy athletics, 210, 384, 434, 512, 596, 786, 915; Grant and Army Y.M.C.A., 1137; naval at Norfolk, 95, 596, 640, 672, 959; Newport, 369, 512, 544; Old Point (Helen Gould donation), 9; Presidio basketball, 947; Puget Sound, 1656.

corps
65;
and
rom
ter-
ong
32.
om-
and
95;
ific
see

een
vy,
var.
col-
cers,
bill,
eer-
51.

008

ing
ics,
ant
or-
69,
na-
get